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PRINCIPAL INVESTIGATOR: Darrell R. Abernethy, M.D., Ph.D.

CONTRACTING ORGANIZATION: Georgetown University
Washington, DC 20057

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FOREWORD

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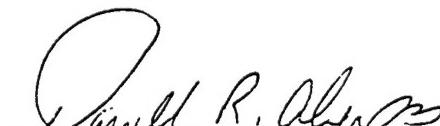
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Darrell R. Abernethy, M.D., Ph.D.
Principal Investigator

16 Aug, 1997
Date

STUDY REPORT

HALOFANTRINE AS PROPHYLAXIS AGAINST MALARIA: MULTIPLE-DOSE
SAFETY, TOLERANCE AND PHARMACOKINETICS STUDY

DIVISION OF CLINICAL PHARMACOLOGY
GEORGETOWN UNIVERSITY MEDICAL CENTER
3900 RESERVOIR ROAD NW
WASHINGTON, DC 20007

INVESTIGATOR: Darrell R. Abernethy, M.D., Ph.D.

COLLABORATIVE INVESTIGATORS: David L. Wesche, M.D., Ph.D.
Jean Barbey, M.D.
David Flockhart, M.D., Ph.D.
Brian G. Schuster, M.D.

STUDY COORDINATOR: Eileen Pelayo, R.N.
ADMINISTRATIVE CONTACT: Pia Bernardini, B.A.

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INTRODUCTION:

Halofantrine HCl is an antimalarial drug approved by the FDA for the treatment of mild to moderate malaria caused by *Plasmodium falciparum* or *Plasmodium vivax*(1). The present study was designed to investigate the safety, tolerance and pharmacokinetics of halofantrine HCl given in multiple doses in a Phase I study as part of the overall development of halofantrine as a *prophylactic* antimalarial drug.

RATIONALE FOR STUDY:

Mefloquine HCl and doxycycline hydiate are the only Department of Defense (DOD) pharmaceutical preparations currently approved for prophylaxis against chloroquine-resistant *Plasmodium falciparum* (2). Each of these prophylactic agents has its own spectrum of side-effects that may limit its use in individual patients. In addition, changing resistance patterns worldwide necessitates the development of additional chemoprophylactic agents against this potentially deadly disease. Halofantrine may show promise as an alternative prophylactic therapy, however a number of clinical reports have suggested possible cardiotoxicity of halofantrine in the form of electrocardiographic QT prolongation and associated torsade de pointe arrhythmia(3-6). Therefore careful reevaluation of halofantrine safety when it is being considered for use as prophylaxis in healthy people is necessary.

This Phase I safety and tolerance study was designed to evaluate halofantrine given daily at the maximal dose for which absorption is linear and for which there is limited safety data. The period of dosing for this Phase I safety and tolerance study corresponded to the length of time that dosing would be required for a subsequent Phase IIa experimental sporozoite challenge study, dose-optimization study.

STUDY OBJECTIVES:

The prospectively defined objectives of this Phase I study were as follows:

1. To evaluate the safety and tolerance of halofantrine hydrochloride given over time to healthy adults.
2. To characterize the variability of multi-dose halofantrine pharmacokinetics over time in healthy adults.
3. To correlate pharmacodynamics (electrocardiographic QT intervals) with pharmacokinetics (plasma concentrations of halofantrine/desbutylhalofantrine).

STUDY DESIGN:

The study design was a randomized, double-blind, placebo-controlled Phase I safety and tolerance study. Twenty-one healthy volunteers were randomly assigned to receive halofantrine or placebo. Initially it was planned to study 16 subjects, with 12 subjects to receive active drug (halofantrine) and 4 subjects to receive placebo, however due to subject drop outs prior to study completion, the number to be enrolled was increased to increase the number of subjects who completed the entire study. The blind was maintained with the increase in sample size accomplished by stratified randomization. Subjects were dosed daily for 42 days with 500 mg halofantrine hydrochloride. Subjects were fasted for at least 2 hours prior to and 2 hours following the oral dose. The initial 21 days of drug administration were done with subjects confined as inpatients to the Georgetown University Medical Center Clinical Research Center and the remaining 21 days of drug

administration the subject reported daily to the Clinical Research Center for medical assessment and supervised drug administration. The subjects were then followed periodically for the next 4 1/2 months with medical assessments and pharmacokinetic sampling at the Clinical Research Center.

CONDUCT OF THE STUDY:

The study was conducted at the Georgetown University Clinical Research Center at Georgetown Medical Center, 3800 Reservoir Road NW, Washington, DC. Each subject was an inpatient for 3 weeks during the period of December 21, 1995 and December 27, 1996. The last subject completed the study June 3, 1997. The Principal Investigator was Darrell R. Abernethy, M.D., Ph.D., who is Director of the Georgetown Medical Center Clinical Research Center and Professor of Medicine and Pharmacology and Director of the Division of Clinical Pharmacology at Georgetown University. Collaborative Investigators included David L. Wesche, M.D., Ph.D. and Brian G. Schuster, M.D., of the Division of Experimental Therapeutics, Walter Reed Army Institute of Research, David Flockhart, M.D., Ph.D., and Jean Barbey, M.D., of the Division of Clinical Pharmacology at Georgetown University Medical Center.

The protocol and informed consent for this study were reviewed and approved by the Georgetown University Institutional Review Board August 1, 1995. Initial recruitment was by word of mouth, however to complete enrollment newspaper advertisement was used. Proposed advertisement for the study was reviewed and approved March 12, 1996. There was also approval of the protocol and informed consent form by the U.S. Army Surgeon General's Human Subjects Research Review Board. Twenty-one healthy male and female subjects were recruited by word of mouth and advertisement in the Washington Post newspaper. All subjects met the protocol inclusion criteria and did not meet the protocol defined exclusion criteria. These were:

Inclusion criteria:

1. Aged 18-45 years inclusive
2. Male or non-pregnant, non-lactating females
3. Weight within 20% of ideal body weight as defined by Metropolitan Life Tables
4. Normal history and physical examination
5. Normal serum chemistries including Mg++
6. Normal CBC
7. Negative HIV screen
8. Negative hepatitis screen
9. Negative serum beta-HCG pregnancy test (females only)
10. Normal electrocardiogram
11. Normal chest X-ray
12. Normal pulmonary function tests with normal DLCO2
13. Negative urine drug screen
14. Normal urinalysis
15. Normal TSH
16. Available for the full duration of the study and willing to comply with study procedures
17. Provision of written informed consent

Exclusion criteria: Any subject with

1. History of serious medical problems, including any kind of heart disease
2. Allergy to halofantrine or related drugs
3. Taken any medication one week prior to study

4. Donated blood or participated in another investigational drug study within the past 2 months
5. History of alcohol or drug abuse
6. Cigarette smoking or use of any tobacco product
7. Pregnancy, unwillingness to use adequate contraception, or the desire to become pregnant within 6 months of the last dose of study drug
8. Prior upper gastrointestinal surgery
9. HIV positivity or other clinically significant laboratory abnormalities including hyperlipidemia
10. Inability to speak or understand English
11. Unusual dietary habits

Each of the subject volunteers also had a screening physical examination and laboratory study as outlined in the protocol. Any candidate with significant clinical or laboratory abnormality was excluded from participation and referred for appropriate health care follow-up.

Demographics of the 21 subject participants are outlined in Table 1. In summary, they ranged in age for 21-44 years, there were 18 males and 3 females, 8 Caucasian and 13 Black, their weight range was 63-96 kg, and their height range was 62-73 inches.

Subjects were randomized to receive either active or placebo halofantrine in a 4:1 ratio with the randomization blinded and maintained by Dr. Mark Sale, a member of the Division of Clinical Pharmacology at Georgetown Medical Center. The randomization allocation of subject participants is outlined in Table 2. The test material was halofantrine hydrochloride 250 mg tablets. The material was provided by the US Army, however the original source was noted to be SmithKline Beecham Pharmaceuticals, Welwyn Garden City, Herts, U.K. The tablets were noted to be lot #G1905/V001.

All drug doses were administered in the morning following at least 2 hours fast, with fasting continued for 2 hours following the drug administration. The first 21 daily doses were administered while the subjects were confined the inpatient unit. On day 22 the subjects were discharged from the inpatient unit and they returned daily for their morning observed dose from day 22 to day 41. At that time they were readmitted to the inpatient unit the receive the last dose of halofantrine and have clinical evaluation, safety laboratory determinations, and blood sampling for pharmacokinetic evaluation. On day 43 the subjects were discharged from the inpatient unit to return to the outpatient area on study days 44, 45, 48, 51, 54, 57, 72, and 180.

Subjects 001, 003, 006, 007, 009, 012, 013, 015, 019, 020, and 021 completed the entire 180 days of the study. Subject 017 received only 2 doses of drug, therefore safety information was collected, however this subject was not included as one of the 20 with sufficient data for some evaluation. The other subjects, 002, 004, 005, 008, 010, 011, 014, 016, and 018 completed various proportions of the study before dropping out. No subjects were discontinued for adverse events, however 3 adverse events, gastroenteritis (subject 002), skin rash (subject 006), and headaches (subject 011) were noted. The gastroenteritis was associated in time with a food ingestion (about 6 hours later) that seemed the most likely cause, although drug exposure could not be ruled out. The skin rash disappeared while the subject remained on drug and the subject completed the study, therefore it was deemed unlikely to be related to drug exposure. The headaches were temporally related to drug exposure for several days and were deemed to be likely related to drug exposure. An outline of study participation by the subjects is noted in Table 3.

Blood sampling for pharmacokinetic analysis and electrocardiograms for QTc analysis were obtained as follows:

Day	Time after dose (hr)
1	predose (1/2 hr)
1	0.5
1	1
1	2
1	3
1	4
1	6
1	8
1	10
1	12
2	predose
3	predose
4	predose
4	2
4	4
4	6
4	8
4	12
5	predose
6	predose
7	predose
7	2
7	4
7	6
7	8
7	12
8	predose
9	predose
10	predose
11	predose
12	predose
13	predose
14	predose
14	2
14	4
14	6
14	8
14	12
15	predose
16	predose
17	predose
18	predose
19	predose
20	predose
21	predose
21	2
21	4
21	6
21	8
21	12

Day	Time after dose (hr)
25	predose
29	predose
32	predose
36	predose
39	predose
42	predose
42	0.5
42	1
42	2
42	3
42	4
42	6
42	8
42	10
42	12
43	am
44	am
45	am
48	am
51	am
54	am
57	am
72	am
180	am

Each sampling time point, scheduled and actual, is listed in Table 4. As can be seen, the inpatient samples were obtained within a few minutes of the scheduled time, with outpatient samples for the most part within 1-2 hours of the scheduled time. For pharmacokinetic samples that deviate significantly from the scheduled time, the analysis will use the actual time of collection for purposes of calculation. All blood samples were centrifuged in a refrigerated centrifuge promptly, the plasma separated, and stored at -70 C until time of shipment. All samples were shipped on dry ice.

Analysis of electrocardiographic data was as follows. All ECGs were 12 lead with a 15 second 3-lead rhythm strip (I, aVF, V2). The chart speed for recording the 12 lead ECG was 25 mm/sec, the speed for the rhythm strip was 50 mm/sec. Two copies of each ECG were recorded, one for the chart and one for interpretation. For each ECG the RR interval and QT interval were measured for the first 3 consecutive normal and technically acceptable complexes and the results were averaged. If the RR interval was greater than 500 msec, QTc was calculated according to the Bazett formula(7). If the RR interval was less than 500 msec, the Fridericia correction was used(8). QT interval measurement was based on a modification of the method of Browne et al(9). The ECG tracings were placed on a digitizing pad and a cross-hair type pointing device was used to mark the beginning and the end of each interval. The data were transmitted and stored to a computer. The QT duration was measured on the rhythm strips from three leads simultaneously with use of the earliest beginning of the QRS complex to the end of the longest T wave in any of the three simultaneous leads. The end of each T wave was determined by drawing a tangent to the steepest portion of the downsloping T wave. The point at which this tangent intersected with the isoelectric line was used to designate the end of the T wave.

In addition to the above mentioned procedures, questioning regarding adverse reactions and subjective symptomatology, vital sign determinations and determination of laboratory safety parameters were performed as outlined in the study protocol. Deviations have been

noted in the specific case report forms. These data are recorded for each subject in the subject's case report form. Copies of case report forms have been appropriately completed for each subject and have been periodically reviewed by the USAMMDA monitor. These forms are on file and available at the Georgetown University Clinical Research Center.

Periodically, according to the protocol defined procedure, plasma samples were shipped on dry ice to Dr. Emil Lin at the Drug Studies Unit, School of Pharmacy, University of California at San Francisco. Quality control and reporting of plasma concentration data was monitored separately from clinical site monitoring.

RESULTS:

The study findings will be separated into 3 sections as follows: (1) Clinical Adverse Experiences, (2) Laboratory Safety Parameters, and (3) Electrocardiographic Effects. Pharmacokinetic results will not be included in this report as the plasma concentration data has been reported directly to Dr. David Wesche at WRAIR.

1. Clinical Adverse Experiences. Subject 002 (21 year old Black male) experienced stomach cramping, diarrhea, and fever for 4 days starting day 31 of the study. This began a few hours after ingestion of some possibly contaminated food. The subject stated he had eaten salmon with a friend and the friend had become ill with similar symptoms. Evaluation on day 32 revealed mild abdominal tenderness and no other significant findings. At that time CBC showed 8000 WBC, Hb 14.2 and Hct 42.3. Symptoms subsided spontaneously on day 35. This subject was receiving halofantrine. He discontinued study on day 36 for personal reasons. Subject 006 (26 year old White male) developed a localized skin rash on day 11. Local care was administered and by day 15, while the subject remained on study the rash resolved. This subject was receiving placebo. Subject 011 (43 year old Black Hispanic female) complained of a throbbing headache on day 7. This was considerably relieved by a 650 mg dose of acetaminophen. The headache recurred on days 10, 12, 19, 21, and 22. Physical examination was unrevealing at the various evaluations during this series of headaches. This subject was receiving halofantrine. The subject did not subsequently complain of headache. Based on the history and examination, I deemed the subject 002 and subject 006 events to be unlikely to be related to halofantrine, and the subject 011 event to be probably related to halofantrine.

2. Laboratory Safety Parameters. Screening laboratory parameters for inclusion into the study are shown in Table 5(a-h) and include Drug Screen, Chest X-ray, Pulmonary function tests (screen and day 42), TSH, HIV, Hepatitis Surface Antigen (HBsAg), Hepatitis C (HbC), and Hepatitis C antibody (HbC antibody).

Vital signs during the course of the study are shown in Table 6(a-e) and include systolic blood pressure, diastolic blood pressure, heart rate, temperature, and weight. Of interest, systolic and diastolic blood pressure and heart rate tended to be less during the inpatient part of the protocol (days 1-22). Early in the study weight was not measured daily, therefore missing data appear as empty cells in this table.

Beta HCG for female subjects (003, 010, 011) is shown in Table 7 and data are included for the duration of their participation (only 003 completed the study).

Hematological profile during the course of the study is shown in Table 8(a-l) and includes WBC, hemoglobin, hematocrit, RBC, red cell indices (MCV, MCHC, MCH), reticulocyte count, and white cell differential (eosinophils, segmented neutrophils, monocytes, lymphocytes). Values outside of the laboratory normal range are shaded. No trend for change in hematological parameters could be discerned during and following drug

exposure. Missing data and data not obtained due to subject dropout are shown as empty cells.

Electrolytes during the course of the study are show in Table 9(a-e) and include sodium, chloride, potassium, carbon dioxide, and glucose. Values outside of the laboratory normal range are shaded. No trend for change in electrolytes, CO₂, or glucose could be discerned during the course of the study. Missing data and data not obtained due to subject dropout are shown as empty cells.

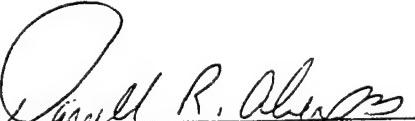
Other chemistries during the course of the study are shown in Table 10(a-r) and include alkaline phosphatase, albumin, total bilirubin, blood urea nitrogen, calcium, total cholesterol, HDL cholesterol, LDL cholesterol, triglycerides, creatinine, gGT, LDH, magnesium, phosphate, total protein, AST, ALT, and uric acid. No trend for change in other chemistries could be discerned during the course of the study. Missing data and data not obtained due to subject dropout are shown as empty cells.

Urinalysis with microscopic examination is shown in Table 11(a-e) and includes casts, occult blood, RBC, WBC, and specific gravity. Occult blood noted for subjects 003 and 010 was observed during menses for these female subjects. No trend for change in urinalysis parameters was noted throughout the course of the study.

3. Electrocardiographic effects. Electrocardiographic parameters during the course of the study are shown in Table 12 (a-d) including heart rate, PR interval, QRS duration, and QTc calculated as described above. No trend for change in heart rate, PR interval, or QRS duration could be discerned. In contrast, QTc interval tended to be prolonged from baseline in subjects 002, 007, 009, 010, 011, 014, 016, 018, and 021. These subjects were all receiving halofantrine, and none of the subjects receiving placebo had an appreciable change in QTc.

CONCLUSIONS:

This halofantrine regimen of 500 mg per os once daily administered in the fasting state for a period of 6 weeks was well tolerated by the subject participants. Clinical adverse effects were few and minor. Laboratory safety profiles showed no evidence of abnormality associated with drug exposure. Electrocardiographic QTc prolongation in the range of 5-15% occurred in most subjects who received halofantrine, and did not occur in subjects who received placebo. This will be further analyzed in conjunction with the pharmacokinetic data as it becomes available.



Darrell R. Abernethy, M.D., Ph.D.

Principal Investigator


Date

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9. Browne

APPENDIX

TABLE 1

HALOFANTRINE SUBJECT DEMOGRAPHICS							
Subject No.	Initials	Race	Gender	Age	Weight (kg)	Height (in)	Hosp Day 0
1	JKS	W	M	23	64	67	12/21/95
2	BSH	B	M	21	96	68	12/21/95
3	EJW	W	F	23	68	70	12/21/95
4	WPS	B	M	27	68	71	1/10/96
5	SGA	B	M	35	68	70	1/10/96
6	JBC	W	M	26	77		1/25/96
7	DAN	W	M	33	73	68	2/15/96
8	AYB	B	M	28	64	67	2/15/96
9	GRL	W	M	38	75	71	2/15/96
10	EYJ	B	F	39	75	65	2/15/96
11	CE	B (Hispanic)	F	43	66	52	2/23/96
12	HLL	B	M	37	82	71	3/14/96
13	GLG	W	M	35	63	67	3/28/96
14	DLS	B	M	43	75	68	3/28/96
15	DMK	B	M	28	71	63	3/28/96
16	L-W	B	M	44	77	73	3/28/96
17	LDG	B	M	21	68	70	8/1/96
18	KLS	B	M	36	68	69	8/1/96
19	WSB	W	M	43	82	71	8/22/96
20	K-P	B	M	22	75	70	10/31/96
21	CAE	W	M	38	92	69	12/5/96

TABLE 2

Sheet1

RANDOMIZATION CODE		
Subject No.	Assignment	
1	Halofantrine	
2	Halofantrine	
3	Placebo	
4	Halofantrine	
5	Halofantrine	
6	Placebo	
7	Halofantrine	
8	Halofantrine	
9	Halofantrine	
10	Halofantrine	
11	Halofantrine	
12	Placebo	
13	Placebo	
14	Halofantrine	
15	Halofantrine	
16	Halofantrine	
17		
18		
19		
20		
21		

TABLE 3
Sheet1

HALOFANTRINE STUDY PARTICIPATION DATES				
Subject No.	Initials	Hosp Day 0	Date Dropped	Study Completed
1	JKS	12/21/95		6/18/96
2	BSH	12/21/95	1/25/96	
3	EJW	12/21/95		6/18/96
4	WPS	1/10/96	2/16/96	
5	SGA	1/10/96	2/7/96	
6	JBC	1/25/96		7/23/96
7	DAN	2/15/96		8/13/96
8	AYB	2/15/96	2/25/96	
9	GRL	2/15/96		8/13/96
10	EYJ	2/15/96	4/9/96	
11	C-E	2/23/96	4/8/96	
12	HLL	3/14/96		9/10/96
13	GLG	3/28/96		10/8/96
14	DLS	3/28/96	5/7/96	
15	DMK	3/28/96		9/24/96
16	L-W	3/28/96	5/11/96	
17	LDG	8/1/96	8/2/96	
18	KLS	8/1/96	10/2/96	
19	WSB	8/22/96		2/18/97
20	K-P	10/31/96		4/28/97
21	CAE	12/5/96		6/3/97

BLANK-NOT OBTAINED

BLOOD SPECIMEN PK TIMES

TABLE 4

ACTUAL TIME DAY	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	5	6	7
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	
01	740	837	857	1002	1100	1157	1359	1600	1803	2000	740	805	745	1000	1202	1407	1546	2000	755	749	756	
02	800	843	913	1013	1112	1220	1415	1615	1820	2015	818	803	1018	1218	1418	1603	2005	805	820	818		
03	817	924	950	1056	1147	1252	1450	1650	1900	2050	825	813	1046	1248	1450	1642	2050	842	840	838		
04	834	915	945	1040	1140	1240	1440	1650	1840	2040	836	900	945	1155	1345	1555	1800	2000	845	840	840	
05	820	905	925	1025	1130	1225	1425	1625	1825	2020	830	835	835	1115	1307	1455	1700	1900	825	820	825	
06	845	921	950	1050	1150	1300	1500	1650	1900	2045	820	900	858	1100	1255	1455	1706	2100	855	850	910	
07	925	1000	1031	1135	1230	1330	1530	1730	1932	2130	852	920	858	1106	1306	1510	1712	2128	900	854	854	
08	753	832	918	956	1100	1205	1400	1600	1805	2010	753	807	755	1000	1200	1400	1605	2045	803	807	755	
09	814	906	928	1015	1119	1220	1420	1620	1820	2026	815	828	815	1020	1220	1420	1622	2030	824	815	815	
10	830	925	945	1050	1144	1240	1430	1640	1840	2100	834	855	826	1045	1250	1450	1650	2340	838	838	836	
11	920	950	1020	1130	1220	1320	1535	1725	1920	2133	951	905	920	1120	1305	1505	1705	2110	930	935	915	
12	818	955	930	1030	1125	1235	1430	1630	1835	2010	812	840	750	1000	1221	1420	1624	2025	813	820	818	
13	855	930	1000	1100	1200	1300	1504	1702	1903	2100	855	920	855	1105	1305	1455	1655	2105	856	855	900	
14	800	850	920	1020	1120	1220	1420	1620	1820	2020	825	900	810	1028	1221	1404	1609	2029	810	815	824	
15	830	914	950	1045	1148	1250	1444	1645	1835	2036	840	841	850	1055	1255	1435	1635	2045	835	838	844	
16	758	840	907	1005	1105	1205	1405	1610	1805	2000	755	800	804	1004	1204	1430	1630	2012	736	755	802	
17	829	915	931	1031	1130	1232	1430	1631	1835	2035	825	840	805	1032	1235	1435	1635	2055	815	811	745	
18	805	905	937	1035	1132	1234	1433	1633	1837	2020	835	833	828	1043	1241	1432	1632	2038	823	802	825	
19	826	902	935	1030	1132	1230	1430	1655	1837	2020	800	747	800	1013	1208	1419	1615	2020	800	758	756	
20	738	835	905	1000	1100	1200	1400	1600	1803	1955	800	747	800	1002	1206	1400	1605	2040	750	740	756	
21	812	844	917	1016	1115	1217	1416	1615	1835	2000	820	815	800	1002	1206	1400	1605	2040	750	740	756	
average	817.6	897.5	938.7	1037.3	1138	1240	1439	1641	1846	2037	822.3	846.7	823.7	1050	1248	1382	1569	2054	823	818.1	821.6	
stdev	47.88	46.89	39.069	41.9777	36.79	41.87	43.92	38.3	41.11	45.77	43.67	46.6	49.83	48.64	43.49	194.6	260.7	83.56	45.78	44.73	50.64	
max	925	1000	1031	1135	1230	1330	1535	1730	1932	2133	951	920	945	1155	1345	1555	1800	2340	930	935	915	
min	738	832	857	956	1100	1157	1359	1600	1803	1955	740	747	745	1000	1200	815	811	1900	736	740	745	
SCHEDULED DAY	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	5	6	7	
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	
01	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	
02	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15	7:45	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	
03	8:20	9:20	10:50	11:50	12:50	13:50	15:50	17:50	19:50	21:50	8:20	8:20	8:20	10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	
04	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	
05	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	
06	8:20	9:20	9:50	10:50	11:50	12:50	14:50	16:50	18:50	20:50	8:20	8:20	8:20	10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	
07	9:00	10:00	10:30	11:30	12:30	13:30	15:30	17:30	19:30	21:30	9:00	9:00	9:00	11:30	13:30	15:30	17:30	21:30	9:00	9:00	9:00	
08	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	
09	7:50	8:50	9:20	10:20	11:20	12:20	14:20	16:20	18:20	20:20	7:50	7:50	7:50	10:20	12:20	14:20	16:20	20:20	7:50	7:50	7:50	
10	8:10	9:10	9:40	10:40	11:40	12:40	14:40	16:40	18:40	20:40	8:10	8:10	8:10	10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	

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BLOOD SPECIMEN PK TIMES

TABLE 4

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12	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45
13	8:30	9:30	10:00	11:00	12:00	13:00	15:00	17:00	19:00	21:00	8:30	8:30	8:30	11:00	13:00	15:00	17:00	21:00	8:30	8:30	8:30
14	8:00	9:00	9:30	11:30	12:30	13:30	15:30	17:30	19:30	21:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00
15	8:10	9:10	9:40	10:40	11:40	12:40	14:40	16:40	18:40	20:40	8:10	8:10	8:10	10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10
16	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30
17	8:00	9:00	9:30	11:30	12:30	13:30	15:30	17:30	19:30	21:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00
18	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00
19	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00
20	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30
21	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15	7:45	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45

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BLOOD SPECIMEN PK TIMES

TABLE 4

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2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE								
950	1152	1358	1551	2005	803	755	751	758	745	740	758	955	1200	1400	1607	2010	755	750	753	740	750	757	
1002	1205	1420	1607	2025	810	817	816	820	807	805	809	1008	1210	1423	1620	2035	813	813	820	820	805	810	
1045	1243	1442	1640	2055	845	853	849	855	825	834	845	1045	1243	1456	1643	2055	852	847	851	850	813	850	
1045	1245	1445	1645	2046	840	840	847	843	841	837	1040	1240	1440	1640	2040	835	844	845	1005	857	845		
1025	1225	1425	1621	2025	829	825	829	820	825	820	816	1025	1225	1425	1631	2030	820	833	915	943	822	825	
1110	1315	1510	1710	2120	851	910	859	848	848	846	838	1050	1260	1458	1657	2047	839	900	859	839	855	835	
1110	1304	1502	1703	2130	910	900	925	845	910	914	902	1107	1307	1507	1710	2100	1010	907	930	905	941	910	
1000	1200	1400	1600	2000	803	755	805																
1020	1220	1415	1620	2030	818	820	813	817	820	819	1035	1234	1430	1627	2000	818	809	819	830	825			
1042	1245	1445	1642	2210	845	905	830	855	855	836	1034	1245	1445	1645	2030	848	830	841	839	908	850		
1120	1325	1510	1710	2124	938	914	930	959	920	900	925	1130	1331	1525	1728	2120	919	830	928	913	921	920	
1012	1213	1413	1615	2220	812	817	825	820	830	820	815	1025	1230	1430	1625	2020	822	910	815	814	805	813	
1120	1315	1515	1712	2117	900	923	1005	905	900	859	855	1110	1300	1510	1704	2112	852	810	935	930	857	912	
1024	1216	1427	1619	2043	828	815	905	817	815	820	1028	1220	1420	1620	2023	825	840	814	822	834	816		
1100	1255	1500	1635	2058	845	850	925	838	845	840	828	1041	1240	1442	1640	2100	836	745	904	855	835	845	
1006	1202	1408	1602	2005	810	745	835	755	750	758	800	1005	1200	1400	1600	1955	755	745	810	804	804	758	
1033	1234	1430	1632	2028	820	835	745	758	802	825	820	1030	1235	1435	1635	2030	820	845	855	817	825	820	
1211	1235	1435	1625	2045	832	830	825	820	823	810	1032	1234	1434	1633	2025	820	823	810	820	825	730		
958	1208	1407	1610	2005	759	810	812	758	755	750	1010	1203	1400	1602	2015	755	736	737	758	755	758		
955	1200	1358	1556	2000	801	810	828	810	750	740	747	1010	1206	1405	1608	2020	750	800	757	800	755	758	
E	1044	1238	1438	1633	2065	835	833.5	852.7	825.1	824.3	821.8	822.6	1038	1240	1441	1641	2040	828.6	821.9	842	847	831.4	823
)	66.12	45.53	47.18	45.93	66.85	41.3	50.27	63.21	50.42	51.44	47.59	44.18	40.57	36.48	36.81	41.53	60.47	51.95	59.75	65.52	52.04	54.51	
1211	1325	1515	1712	2220	938	923	1005	959	920	914	925	1130	1331	1525	1728	2120	1010	910	935	1005	941	920	
950	1152	1358	1551	2000	759	745	755	745	745	740	747	955	1200	1400	1600	1955	750	736	737	740	750	730	
7	7	7	7	8	8	9	10	11	12	13	14	14	14	14	14	15	16	17	18	19	20		
2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE								
10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	7:30	
10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45	7:45	
10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	8:20	8:20	8:20	10:50	12:50	14:50	16:50	20:20	8:20	8:20	8:20	8:20	8:20	8:20	8:20	
10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	8:00	
10:50	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	8:00	
10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	8:20	8:20	8:20	10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	8:20	8:20	8:20	8:20	
11:30	13:30	15:30	17:30	21:30	9:00	9:00	9:00	9:00	9:00	9:00	11:30	14:30	15:30	17:30	21:30	9:00	9:00	9:00	9:00	9:00	9:00	9:00	
10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	7:30	
10:20	12:20	14:20	16:20	20:20	7:50	7:50	7:50	7:50	7:50	7:50	10:20	12:20	14:20	16:20	20:20	7:50	7:50	7:50	7:50	7:50	7:50	7:50	
10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	8:10	10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	8:10	8:10	

TABLE 4

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BLOOD SPECIMEN PK TIMES

11:20	13:20	15:20	17:20	21:20	8:50	8:50	8:50	8:50	11:20	13:20	15:20	17:20	21:20	8:50	8:50	8:50	8:50	8:50	8:50	
10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45
11:00	13:00	15:00	17:00	21:00	8:30	8:30	8:30	8:30	8:30	11:00	13:00	15:00	17:00	21:00	8:30	8:30	8:30	8:30	8:30	8:30
10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00
10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	10:40	12:10	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	8:10
10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30
10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00
10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00
10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00
10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	10:00	12:00	14:00	16:00	20:00	8:00	8:00	8:00	8:00	8:00	8:00
10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45

TABLE 4

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BLOOD SPECIMEN PK TIMES

21	21	21	21	21	21	21	22	25	29	32	36	39	42	42	42	42	42	42	42	
PRE	2HR	4HR	6HR	8HR	12HR	PRE	.5HR	1HR	'2HR	3HR	4HR	6HR	8HR							
756	1000	1200	1400	1600	1940	750	905	800	807	820	1005	750	814	910	1010	1240	1305	1500	1710	
812	1015	1215	1415	1615	2000	810	820	710	855										2135	
850	1053	1253	1453	1659	2107	915	840	820	827	825	845	910	945	1015	1115	1215	1320	1515	1715	
839	1040	1240	1455	1645	2042	845	935	850	833	830									2115	
817	1225	1425	1625	2020	824	918													845	
850	1255	1455	1655	2143	856	840	845	836	837	845	845	930	1010	1110	1150	1256	1509	1805	1918	
912	1120	1315	1422	1647	2140	903	938	1910	920	948	1000	900	943	1013	1112	1201	1306	1503	1713	
810	1030	1230	1425	1621	2025	810	852	950	950	1043	835	805	850	920	1020	1133	1220	1420	1620	
825	1058	1245	1458	1645	2041	838	802	1045	848	1105	910	840	930	955	1050	1145	1255	1455	1657	
908	1120	1315	1515	1720	2115	912	1235	1346	820	1153	905	940	1010	1129	1215	1310	1510	1716	1917	
800	1013	1216	1422	1658	2022	813	825	820	829	836	821	810	848	919	1017	1120	1226	1508	1620	
905	1120	1315	1519	1710	2112	850	835	901	920	925	930	857	931	1030	1132	1238	1337	1545	1735	
850	1159	1257	1455	1646	2105	818	755	737	720	708	730								1900	
837	1045	1245	1445	1645	2047	837	900	948	1010	1040	950	845	914	1015	1107	1214	1304	1510	1707	
756	1010	1206	1402	1605	2001	758	732	725	740	118	710	755	840	900	1000	1105	1708	1402	1600	
1	815	1032	1230	1430	1630	2050	830	948	1842	1830		805	901	930	1030	1137	1230	1336	1636	
9	804	1030	1230	1430	1636	2049	820	835	836	905	900	850	810	905	930	1032	1130	1235	1440	
755	1002	1205	1355	1550	2010	750	851	1212	915		847	758	835	905	1005	1105	1205	1405	1605	
745	1000	1200	1400	1600	2000	810	842	914	904	910	912	750	855	930	1028	1132	1239	1432	1641	
1	823.5	1070	1242	1436	1637	2051	828.9	874.1	1012	914.9	846.1	889.5	828.2	887.8	953.1	1053	1150	1293	1493	
50.26	76.22	37.15	38.39	38.08	55.09	47.39	105.3	354	239.3	235	111.4	53.65	55.92	60.94	62.71	58.95	122.2	137.7	1661	
912	1255	1315	1519	1720	2143	915	1235	1910	1830	1105	1153	910	945	1030	1132	1238	1708	1936	1805	
745	1000	1200	1355	1550	1940	750	732	710	720	118	710	750	814	910	1010	1205	1305	1500	1710	
21	21	21	21	21	22	22	25	29	32	36	39	42	42	42	42	42	42	42	43	
PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	PRE	PRE	.5HR	1HR	'2HR	3HR	4HR	6HR	8HR	10HR	12HR
7	30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00
7	45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15
8	20	10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	8:20	8:20	9:20	10:50	11:50	12:50	13:50	14:50	16:50	18:50	20:50
8	00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30
8	20	10:50	12:50	14:50	16:50	20:50	8:20	8:20	8:20	8:20	8:20	9:20	9:50	10:50	11:50	12:50	14:50	16:50	18:50	20:50
9	00	11:30	13:30	15:30	17:30	21:30	9:00	9:00	9:00	9:00	9:00	9:00	9:00	10:00	10:30	11:30	12:30	13:30	15:30	17:30
7	30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00
7	50	10:20	12:20	14:20	16:20	20:20	7:50	7:50	7:50	7:50	7:50	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00
8	10	10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	8:10	9:10	10:40	11:40	12:40	14:40	16:40	18:40	20:40

BLANK-NOT OBTAINED

BLOOD SPECIMEN PK TIMES

TABLE 4

8:50	11:20	13:20	15:20	17:20	21:20	8:50	8:50	8:50	8:50	8:50	8:50	9:50	10:20	11:20	12:20	13:20	15:20	17:20	19:20	21:20	8:50
7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15	7:45
8:30	11:00	13:00	15:00	17:00	21:00	8:30	8:30	8:30	8:30	8:30	8:30	9:30	10:00	11:00	12:00	13:00	15:00	17:00	19:00	21:00	8:30
8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00
8:10	10:40	12:40	14:40	16:40	20:40	8:10	8:10	8:10	8:10	8:10	8:10	9:10	9:40	10:40	11:40	12:40	14:40	16:40	18:40	20:40	8:10
7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30
8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00
8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00
8:00	10:30	12:30	14:30	16:30	20:30	8:00	8:00	8:00	8:00	8:00	8:00	9:00	9:30	10:30	11:30	12:30	14:30	16:30	18:30	20:30	8:00
7:30	10:00	12:00	14:00	16:00	20:00	7:30	7:30	7:30	7:30	7:30	7:30	8:30	9:00	10:00	11:00	12:00	14:00	16:00	18:00	20:00	7:30
7:45	10:15	12:15	14:15	16:15	20:15	7:45	7:45	7:45	7:45	7:45	7:45	8:45	9:15	10:15	11:15	12:15	14:15	16:15	18:15	20:15	7:45

BLANK-NOT OBTAINED

BLOOD SPECIMEN PK TIMES

TABLE 4

AM	AM	AM	AM	AM	AM	AM	AM
44	45	48	51	54	57	72	180
845	838	918	850	833	850	1955	1000
1545	957	900	810	810	828	1354	900
950	925	848	855	855	840	855	855
			1200	2340	1900	1820	44
1130		1025	1220	1420	1505	1132	1530
1520			1030	1335			
940	1403						
834	905	822	840	828	815	856	910
940	942	1155	1057	1700	1309	1355	1150
1355	1618	1030	1040	1145	1407	1005	1105
915							930
1800	942	845	1515	1725	1140		
1800	942	845	1515	1725	1140		
840	907	950	945	930	915	930	
835	1058	1120	1330				
856	1050	1017	1400	945	900	905	
1039	1184	972.4	1019	1244	1227	1204	936
263.4	366.9	100.8	198.9	454.1	414.6	363	393
1545	1800	1155	1400	2340	1900	1955	1530
834	838	822	810	810	815	855	44
44	45	48	51	54	57	72	180
AM	AM	AM	AM	AM	AM	AM	AM
7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30
7:45	7:45	7:45	7:45	7:45	7:45	7:45	7:45
8:20	8:20	8:20	8:20	8:20	8:20	8:20	8:20
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
8:20	8:20	8:20	8:20	8:20	8:20	8:20	8:20
9:00	9:00	9:00	9:00	9:00	9:00	9:00	9:00
7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30
7:50	7:50	7:50	7:50	7:50	7:50	7:50	7:50
8:10	8:10	8:10	8:10	8:10	8:10	8:10	8:10

BLANK-NOT OBTAINED

BLOOD SPECIMEN PK TIMES

TABLE 4

8:50	8:50	8:50	8:50	8:50	8:50	8:50	8:50	8:50
7:45	7:45	7:45	7:45	7:45	7:45	7:45	7:45	7:45
8:30	8:30	8:30	8:30	8:30	8:30	8:30	8:30	8:30
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
8:10	8:10	8:10	8:10	8:10	8:10	8:10	8:10	8:10
7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00	8:00
7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30	7:30
7:45	7:45	7:45	7:45	7:45	7:45	7:45	7:45	7:45

DRUG SCREEN

TABLE 5a

SUBJECT NO.	SCR
01	-
02	-
03	-
04	-
05	-
06	-
07	-
08	-
09	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	-

CHEST XRAY

TABLE 5b

SUBJECT NO.	SCR
01	-
02	-
03	-
04	-
05	-
06	-
07	-
08	-
09	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	-

BLANK-NOT OBTAINED

PULMONARY FUNCTION TEST

TABLE 5c

SUBJECT NO.	SCR	DAY 42
01	NORMAL	NORMAL
02	NORMAL	
03	NORMAL	NORMAL
04	NORMAL	NORMAL
05	NORMAL	
06	NORMAL	NORMAL
07	NORMAL	NORMAL
08	NORMAL	
09	NORMAL	NORMAL
10	NORMAL	NORMAL
11	NORMAL	NORMAL
12	NORMAL	NORMAL
13	NORMAL	NORMAL
14	NORMAL	
15	NORMAL	NORMAL
16	NORMAL	NORMAL
17	NORMAL	
18	NORMAL	NORMAL
19	NORMAL	
20	NORMAL	NORMAL
21	NORMAL	NORMAL

BLANK-NOT OBTAINED

TSH

uU/ml

TABLE 5d

SUBJECT NO.	SCR
01	2.10
02	0.67
03	1.70
04	0.11
05	0.70
06	0.44
07	0.90
08	0.60
09	1.70
10	0.80
11	1.90
12	1.45
13	
14	1.27
15	2.01
16	0.29
17	4.08
18	1.40
19	0.70
20	1.67
21	2.36
average	1.34
stdev	0.92
max	4.08
min	0.11

TABLE 5e

HIV

SUBJECT NO.	SCR
01	-
02	-
03	-
04	-
05	-
06	-
07	-
08	-
09	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	-

BLANK-NOT OBTAINED

HBsAG

TABLE 5f

SUBJECT NO.	SCR
01 -	
02 -	
03 -	
04	
05 -	
06 -	
07 -	
08 -	
09 -	
10 -	
11 -	
12 -	
13 -	
14 -	
15 -	
16 -	
17 -	
18 -	
19 -	
20 -	
21 -	

BLANK-NOT OBTAINED

HbCSerology

TABLE 5g

SUBJECT NO.	SCR
01	
02 -	
03 -	
04 -	
05 -	
06 -	
07 -	
08 -	
09 -	
10 -	
11 -	
12 -	
13	
14 -	
15 -	
16 -	
17 +	
18 -	
19 -	
20 -	
21 -	

BLANK-NOT OBTAINED

HbCAb

TABLE 5h

SUBJECT NO.	SCR
01	
02	-
03	-
04	
05	-
06	-
07	-
08	-
09	09
10	-
11	-
12	-
13	-
14	-
15	-
16	+
17	-
18	-
19	-
20	-
21	-



BLANK-NOT OBTAINED

VITAL SIGNS -SYSTOLIC BLOOD PRESSURE

IN mmHg

SUBJECT NO.	DAY	TIME															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
00	112	112	112	106	108	116	106	114	118	123	116	134	128	131	126	118	132
01	122	117	122	125	112	116	136	137	129	124	130	128	149	132	134	122	122
02	128	100	107	92	100	101	96	96	95	95	118	94	130	106	90	92	92
03	132	112	128	108	124	138	118	123	122	122	132	126	140	126	118	132	132
04	112	114	102	120	118	104	98	114	108	113	108	110	114	110	104	114	118
05	139	108	127	122	122	135	116	114	125	124	124	124	122	133	126	114	108
06	124	148	144	118	132	134	136	146	134	133	137	128	140	139	128	140	128
07	154	123	134	118	106	104	114	108	112	126	115	106	106	106	106	106	106
08	122	126	128	120	126	126	112	118	116	108	104	122	122	112	122	108	108
09	120	128	124	122	114	124	124	136	97	125	114	138	124	119	122	127	120
10	130	116	106	98	97	106	110	102	93	89	104	100	90	108	108	113	98
11	104	134	132	118	116	115	121	122	122	116	120	134	129	128	102	130	100
12	132	112	115	109	108	122	108	120	118	106	92	104	110	108	114	110	114
13	112	106	104	114	116	122	118	124	118	107	100	116	128	109	100	108	122
14	112	110	117	116	106	112	122	114	116	107	110	122	104	114	102	117	106
15	140	110	117	92	104	90	105	102	96	102	108	94	100	106	104	105	92
16	117	100	128	119	114	108	116	106	124	94	112	103	106	104	96	110	105
17	108	131	128	108	134	110	115	96	120	104	118	96	118	86	127	120	98
18	125	122	125	116	116	122	110	122	118	114	104	114	118	112	110	112	119
19	95	83	90	94	82	94	105	106	92	96	99	102	100	92	90	80	86
average	116.57	115.52	112.85	111.70	114.65	114.00	115.65	115.25	112.60	110.20	112.63	118.63	112.95	119.32	115.84	111.79	110.05
stdev	12.40	13.71	12.71	11.75	11.95	12.53	12.37	13.06	12.21	12.05	13.34	12.85	12.42	14.86	14.94	15.07	14.28
max	154.00	148.00	144.00	134.00	132.00	134.00	138.00	146.00	136.00	137.00	137.00	138.00	140.00	139.00	149.00	158.00	140.00
min	100.00	92.00	83.00	90.00	82.00	94.00	96.00	94.00	92.00	89.00	95.00	100.00	86.00	92.00	80.00	86.00	86.00

TABLE 6a



BLANK-NOT OBTAINED

VITAL SIGNS -SYSTOLIC BLOOD PRESSURE

61 mmHg

TABLE 6a

TABLE 6a

BLANK-NOT OBTAINED

VITAL SIGNS -DIASTOLIC BLOOD PRESSURE

IN mmHg

TABLE 6b

SUBJECT NO.	DAY	WEEK 1										WEEK 2										
		MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
01	64	74	74	60	68	64	68	60	68	65	61	62	64	74	70	71	74	70	68	70	63	70
02	72	68	99	68	70	58	56	44	68	63	64	60	74	62	86	84	67	60	50	60	61	74
03	56	66	54	50	46	52	50	52	58	52	42	50	52	46	56	48	46	48	46	56	56	56
04	80	72	60	66	58	66	58	60	72	66	68	76	86	82	70	68	64	76	67	76	72	69
05	68	64	54	58	60	56	54	62	58	70	56	60	64	52	58	62	66	60	66	62	64	64
06	90	96	74	58	78	71	80	70	68	61	62	84	68	78	70	72	70	70	66	70	68	70
07	84	60	78	60	64	76	72	68	62	77	58	68	76	78	60	74	64	72	64	72	66	72
08	70	80	70	64	52	62	59	62	64	53	57	57	53	57	57	57	57	57	57	57	57	57
09	66	68	66	64	72	67	62	66	60	72	66	60	55	60	56	56	56	56	56	56	62	64
10	68	72	70	62	66	66	70	68	56	73	72	58	69	58	72	68	75	70	75	70	64	64
11	88	74	59	60	56	56	60	58	72	78	56	60	60	54	76	58	64	62	64	62	74	64
12	78	78	82	76	72	72	67	85	72	66	66	66	76	84	78	82	68	80	71	82	71	72
13	64	62	56	57	56	62	46	60	54	56	44	50	48	52	58	52	48	62	60	62	58	60
14	84	68	66	67	62	64	74	72	70	80	56	64	74	68	54	58	52	72	64	72	75	68
15	71	68	47	58	64	74	60	63	56	52	50	64	56	54	52	68	46	61	59	61	62	59
16	60	62	64	60	58	68	60	56	66	68	52	59	64	52	66	60	62	67	60	67	74	70
17	76	65																				
18	73	61	66	68	64	60	58	64	48	60	54	64	58	50	60	56	60	52	65	52	65	61
19	80	60	70	77	90	71	56	58	80	76	66	74	72	66	60	64	52	47	66	47	66	56
20	70	70	71	80	68	88	88	60	66	72	71	64	60	76	64	58	62	66	64	66	72	76
21	60	54	44	52	56	54	49	57	57	60	58	56	54	55	64	54	48	51	64	58	52	63
average	72.48	68.67	66.20	64.20	64.20	65.55	62.55	61.75	63.65	65.70	59.60	63.00	64.89	63.89	63.37	64.47	60.16	63.58	63.21	63.95	65.58	65.58
stdev	9.41	8.95	12.59	7.28	9.45	8.94	10.38	8.66	8.07	8.54	7.65	9.74	10.75	11.33	10.41	8.67	9.69	9.10	7.16	8.70	6.47	6.19
max	90.00	96.00	99.00	80.00	90.00	88.00	85.00	80.00	80.00	72.00	84.00	86.00	82.00	86.00	84.00	80.00	80.00	76.00	82.00	75.00	76.00	76.00
min	56.00	54.00	44.00	52.00	50.00	46.00	44.00	44.00	48.00	52.00	44.00	42.00	48.00	50.00	46.00	52.00	46.00	48.00	46.00	52.00	56.00	56.00

BLANK-NOT OBTAINED

VITAL SIGNS - DIASTOLIC BLOOD PRESSURE

IN mmHg

TABLE 6b

BLANK-NOT OBTAINED

VITAL SIGNS -DIASTOLIC BLOOD PRESSURE

61 mmHg

TABLE 6b

BLANK-NOT OBTAINED

VITAL SIGNS -HEART RATE
IN BPM

SUBJECT NO.								DAY							
								9	10	11					
00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
01	89	71	70	61	62	52	63	71	74	60	57	56	57	86	58
02	87	53	98	56	59	58	65	54	63	53	71	58	56	66	62
03	77	64	73	69	51	57	52	61	61	55	68	65	87	69	67
04	80	65	65	76	64	64	69	69	67	69	66	84	84	76	73
05	54	50	65	48	59	57	67	54	53	62	53	54	48	57	53
06	87	69	57	53	64	70	61	59	59	61	66	60	67	61	69
07	62	47	42	47	54	47	67	63	54	66	67	61	70	73	79
08	46	61	62	56	53	55	51	51	54	55	57				
09	52	52	50	53	51	53	47	52	52	50	46	50	48	57	48
10	83	74	71	74	83	74	76	69	83	74	70	74	64	63	93
11	107	93	75	64	66	65	64	67	63	73	61	65	61	58	60
12	60	89	67	60	61	66	65	64	65	79	66	60	63	67	81
13	64	43	42	46	43	46	49	46	48	48	44	45	44	42	43
14	60	45	58	48	46	48	48	46	45	50	46	48	50	48	50
15	70	65	77	64	58	69	59	59	59	58	62	59	60	57	48
16	82	85	70	71	74	69	65	70	71	73	70	69	63	79	70
17	67	76													
18	70	64	73	64	63	61	79	62	64	58	78	60	66	62	66
19	70	56	65	70	76	67	74	67	81	60	77	69	73	66	87
20	62	54	65	64	52	63	63	55	92	90	59	60	67	61	59
21	71	70	59	70	56	69	63	61	70	66	57	63	60	57	59
average	71.45	64	64.16	60.68	59.74	60.74	60.21	62.32	60.95	63.74	61.68	62.61	60.67	63.56	63.78
stdev	14.59	13.95	12.89	8.567	10.54	8.958	7.527	9.026	9.327	11.84	10.03	9.044	9.154	12.05	13.39
max	107	93	98	74	83	76	76	79	83	92	90	78	84	87	93
min	46	43	42	46	43	46	47	46	45	44	44	42	43	46	48

TABLE 6c

BLANK-NOT OBTAINED

VITAL SIGNS -HEART RATE

TABLE 6c

BLANK-NOT OBTAINED

VITAL SIGNS -HEART RATE

IN BPM

TABLE 6c

BLANK-NOT OBTAINED

VITAL SIGNS-BODY TEMPERATURE

IN DEGREES CENTIGRADE

TABLE 6d

SUBJECT NO.	DAY																			
	1	2	3	4	5	6	7	8	9	10	11	12								
00	35.80	36.10	35.60	35.30	35.70	36.20	35.60	36.10	36.20	35.70	35.60	35.50	36.10	35.50	36.10	35.50	36.00	35.90	36.40	36.10
01	37.00	36.40	36.20	35.80	38.70	35.50	36.20	36.30	36.60	36.80	37.10	36.70	36.30	36.20	35.40	36.20	35.50	35.50	36.20	35.10
02																				
03	36.60	36.60	36.60	36.10	36.40	36.70	36.60	36.40	37.00	36.80	37.10	36.70	36.30	36.60	36.10	36.70	36.70	37.00	36.70	36.80
04	36.90	36.70	36.40	36.70	36.70	36.50	36.80	36.70	36.80	36.50	36.70	36.80	36.90	36.70	36.90	36.50	37.80	37.70	36.60	37.00
05	36.30	36.10	36.20	36.70	35.80	35.90	36.20	36.40	36.10	36.20	36.00	36.30	36.30	36.00	36.00	35.90	36.50	35.90	36.40	36.10
06	37.00	36.60	36.00	35.90	34.40	36.00	36.00	36.20	35.80	36.30	35.80	36.30	35.90	35.90	36.00	36.30	36.80	36.60	36.70	36.30
07	36.20	36.30	35.40	35.90	36.70	35.90	36.00	36.20	35.80	36.30	35.80	36.30	35.90	35.90	36.00	36.30	36.80	36.60	36.70	36.30
08	36.60	36.00	36.30	36.10	35.90	36.10	36.10	36.00	36.00	36.40	36.20	36.20	36.20	36.20	36.20	36.20	36.20	36.20	36.20	36.60
09	36.60	36.10	36.60	36.00	36.00	36.10	36.00	36.00	36.20	36.20	36.40	36.40	36.10	35.80	36.20	36.10	36.20	36.30	35.90	36.10
10	37.00	36.70	36.90	36.70	36.90	37.40	37.10	36.30	36.40	36.40	36.90	36.80	36.80	36.70	35.50	36.70	36.90	36.90	38.10	36.90
11	36.80	37.60	37.30	36.60	36.60	36.70	36.40	36.60	36.70	36.70	36.30	36.40	36.20	36.30	36.30	36.20	35.80	36.40	36.20	36.30
12	35.60	35.60	35.50	35.60	35.80	35.00	35.60	36.00	35.90	36.30	35.70	35.70	35.50	35.60	35.60	35.60	36.40	36.20	36.40	35.50
13	36.90	36.20	36.00	35.90	36.10	36.00	35.90	36.00	36.20	36.20	35.50	35.90	35.70	35.70	36.10	35.60	35.00	36.20	35.50	35.80
14	36.50	36.60	36.40	36.30	36.40	36.40	36.30	36.30	36.20	36.40	36.50	36.50	36.50	36.10	36.50	36.60	36.40	36.60	36.50	36.50
15	35.60	35.60	36.20	35.80	36.00	35.60	35.40	36.00	36.20	36.10	35.70	35.50	35.70	35.70	35.70	35.30	36.00	36.00	36.00	35.50
16	36.50	36.70	36.20	36.00	36.40	36.40	36.30	35.90	36.40	36.30	36.40	36.20	36.00	36.50	36.50	36.20	36.00	36.50	36.10	36.30
17	37.00	36.10																		
18	36.40	36.00	36.20	36.10	36.70	36.20	36.00	36.00	36.00	36.10	36.10	36.10	36.10	36.40	36.20	36.40	36.40	36.40	36.20	36.20
19	37.00	36.50	36.30	36.20	36.30	36.30	36.30	36.30	36.40	36.40	35.60	36.40	36.10	36.00	36.20	37.00	35.80	35.80	36.20	36.00
20	36.80	36.20	36.20	36.20	36.30	36.10	36.10	36.30	36.40	36.40	36.20	36.40	36.40	36.00	36.10	36.10	36.40	37.10	36.40	36.30
21	36.70	35.80	36.50	36.30	36.10	36.30	35.90	36.40	35.80	36.10	36.40	36.10	35.90	36.10	35.90	35.80	36.40	36.60	35.90	36.00
average	36.60	36.30	36.29	36.11	36.24	36.12	36.17	36.28	36.20	36.37	36.25	36.22	36.14	36.12	36.07	36.17	36.30	36.34	36.48	36.23
stdev	0.42	0.46	0.43	0.32	0.80	0.37	0.50	0.31	0.24	0.47	0.37	0.36	0.38	0.41	0.51	0.46	0.55	0.63	0.37	0.48
max	37.00	37.60	37.30	36.70	38.70	37.40	37.10	37.00	36.80	37.10	36.80	36.90	36.90	36.70	37.00	37.00	37.80	38.10	36.80	37.00
min	35.60	35.60	35.40	35.60	34.40	35.50	35.00	35.60	35.60	35.60	35.50	35.50	35.50	35.50	35.50	35.20	35.50	35.80	35.50	35.10

BLANK-NOT OBTAINED

VITAL SIGNS-BODY TEMPERATURE

IN DEGREES CENTIGRADE

TABLE 6d

BLANK-NOT OBTAINED

VITAL SIGNS-BODY TEMPERATURE

IN DEGREES CENTIGRADE

TABLE 6d

45	48	51	54	57	72	180	
35.10	36.00	35.80	36.10	36.30	35.80	36.00	
35.90	36.50	37.00	36.60	36.00	36.20	36.70	
36.40	36.60	36.30	36.60	36.40	36.70	36.70	
36.50	36.20	36.70	36.20	36.50	36.20	36.80	
36.60		36.70	36.10				
35.80	36.00	35.00	35.50	35.00	36.00	35.30	
36.00	36.60	35.90	35.80	36.60	36.60	35.40	
35.20	35.80	35.50	36.50	36.20	36.70	35.10	
					36.50	36.70	
36.10	36.70	36.10	36.40	36.70	35.70		
36.00	36.50	36.80	36.80	36.10	35.90	36.60	
36.30	36.50	37.20	36.20	36.40	36.20		
VE	36.04	36.40	36.27	36.25	36.27	36.33	36.12
D	0.50	0.36	0.63	0.35	0.52	0.36	0.69
WF	36.60	37.00	37.00	36.80	37.10	36.70	36.80
1/10	35.10	35.80	35.00	35.50	35.00	35.70	35.10

BLANK-NOT OBTAINED

WEIGHT

IN POUNDS

SUBJECT NO.	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	DAY		
01																									
02																									
03																									
04																									
05																									
06	169	166	166	169	170	170	169	170	169	170	169	170	168	170	170	169	170	170	170	170	170	173.5			
07	160	164	167	164	171	170	169	172	174	172	173	173	173	173	173	173	179	179	178.5	178.5	178.5	181.5	179		
08	127	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125									
09	167	166	164	164	166	164	165	165.5	169	165	167	175	164	164	164	164	164	164	164	164	164	164	166	167	
10	167	161	161	161	162	162	164	164	164	164	164	165	165	165	165	165	165	165	165	165	165	165	166	167	
11	148	148	146	146	145	146	146	146	146	146	146	146	146	146	146	146	148.5	149	148.5	147	147	147	148		
12	181	180	182	182	182	182	185	185	184	183	184	184	184	184	184	184	182	182	183.7	183	183	182	183		
13	137	139	139	140	139	140	140	140	140	140	140	140	140	140	140	140	141	141	140	140	140	140	140		
14	163	161	161	162	162	162	162	162	163	163	162	162	162	162	162	162	162	162	162	162	162	162	163	164	
15	154	153	154	153	153	154	154	154	152	152	152	152	152	152	152	152	152	152	152	152	152	152	153	153	
16	166	163	163	162	165	165	163.5	165	165	165	165	165	165	165	165	167	166	166	167.5	167	167	167	168	168	
17	168																								
18	145	145	145	145	145	145	144	144	148	148	150	144	144	150	150	152	151	152	152	152	152	152	152	152	
19	178	176	175	174	174	174	174	173	177	173	171	171	172	172	172	171	171	172	173	173	172	173	172		
20	170	170	172.5	175	175	175	175	172	173	174	173	174	174.5	175	175	175	175	175	175	175	175	175	175	175	
21	206	200	200	199	200	200	200	200	202	203	200	202	203	200	203	204	202	202	202	202	202	202	200	202	
average	206	163	161	162	161	162	162	161	162	163	164	165	164	165	165	165	165	165	165	165	165	165	166	166	
stdev	18.57	18.23	18.6	18.36	18.54	18.45	17.93	18.38	17.62	16.19	16.16	15.86	15.31	15.53	15.83	15.67	16.16	16.16	16.16	16.16	16.16	16.16	16.18		
max	206	202	200	199	200	200	200	202	203	200	203	204	202	202	202	202	201	202	202	202	202	202	200	202	
min	206	127	125	125	125	125	126	125	125	125	125	140	140	141	141	140	140	140	140	140	140	140	140	140	

TABLE 6e

TABLE 6e

IN POUNDS

WEIGHT

BLANK-NOT OBTAINED

BLANK-NOT OBTAINED

WEIGHT

IN POUNDS

TABLE 6e

45	48	51	54	57	72	180	
152	149	148	147	147	150	152	
150	150	148	150	150	152	147	
172.5	172	171	170	173	174	172	
168		170	169				
151							
184	183	184.5	183	184	183	192	
136	141	141	137	138	137	134	
158	158	158	164	160	155		
154	152	150	150	152			
181	174	179	174	178	178		
180	181	182	180				
204	205	204	208	210	204		
166	167	167	167	166	167	159	
D	19.12	19.9	19.59	20.13	22.6	21.88	22.78
147	204	205	204	208	210	204	192
136	141	141	137	138	137	134	

BLANK-NOT OBTAINED

BHCG

SUBJECT NO.	SCR	DAY 0	DAY 28	DAY 54	DAY 84	DAY 112	DAY 140	DAY 168
03	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-

TABLE 7

BLANK-NOT OBTAINED

WBC

THOUS/cuMM NORMAL

TABLE 8a

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	8.10	8.50	6.40	6.20	7.00	7.00	5.10	5.60	5.10	7.40	5.70	6.80	6.00
02	4.50	5.00	3.30	4.60	4.90	5.50	5.70	5.20	3.20				
03	4.50	5.20	5.20	4.10	5.70	4.50	3.50	3.50	3.40	4.00	3.70	5.90	3.00
04	7.50	7.20	6.20	6.80	6.00	7.10	7.00	6.30	6.60	6.40			
05	4.30	3.70	3.20	3.00	3.10	3.50	3.80	3.40	3.10				
06	4.30	4.10	4.00	4.90	4.00	4.20	4.40	4.40	3.90	4.00	3.70	6.40	5.80
07	5.30	5.00	3.90	4.30	4.50	5.70	6.00	4.50		5.00	6.10		
08	3.70	3.60	5.00	5.40	4.30								
09	5.50	6.40	6.60	8.00	7.20	6.70	6.20	5.70	6.80	7.00	5.80		
10	5.30	4.40	4.70	4.50	4.80	4.50	5.20	5.20	4.60	4.40	5.00		
11	8.80	5.60	4.10	4.50	5.40	6.00	7.90	6.30		6.30			
12	6.10	4.50	3.80	4.10	4.10	4.00	4.20	3.70	4.30	3.90	4.30		
13	5.60	6.00	5.00	5.10	5.80	5.50	5.30	4.00	4.60	3.70	6.00		
14	11.70	8.10	7.70	7.70	9.30	6.70	7.00	8.20					
15	6.36	6.00	6.10	6.10	5.40	5.40	5.00	6.40	6.90	6.10	5.80	8.70	
16	5.70	6.50	5.60	5.80	5.30	5.60	5.70	5.90	6.00	5.50			
17	6.70	8.40	6.00										
18	4.50	4.60	4.30	5.10	5.70	6.50	6.00	5.00	4.90	3.80	4.60		
19	5.60	7.30	5.70	10.80	8.80	10.80	7.00	6.20	5.20	6.40	5.60		
20	4.70	5.10	3.60	4.40	5.10	4.80	5.20	5.80	3.60	3.30	6.10		
21	6.70	6.90	6.30	6.60	6.60	7.60	6.20	5.40	5.40	5.40	5.20		
average	5.97	5.81	5.08	5.60	5.65	5.87	5.60	5.30	4.85	5.16	5.22	6.08	5.88
stdev	1.86	1.50	1.25	1.76	1.54	1.65	1.16	1.20	1.26	1.32	0.87	0.69	2.33
max	11.70	8.50	7.70	10.80	9.30	10.80	7.90	8.20	6.90	7.40	6.10	6.80	8.70
min	3.70	3.60	3.20	3.00	3.10	3.50	3.50	3.40	3.10	3.30	3.70	5.20	3.00

BLANK-NOT OBTAINED

HEMOGLOBIN

g/dl

TABLE 8b

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	15.80	17.30	17.00	14.80	14.90	14.20	15.50	13.20	13.90	13.90	14.00	14.70	14.30
02	15.30	16.30	14.10	15.40	15.10	16.40	15.00	15.00	14.90	14.50			
03	14.10	13.30	15.20	12.90	13.20	14.50	12.50	13.30	11.60	12.50	12.30	12.20	12.10
04	14.90	14.80	15.40	14.80	14.20	14.10	13.60	13.90	13.60				
05	14.80	14.00	13.30	13.50	13.16	13.23	13.66	14.10					
06	14.20	14.30	14.20	13.80	13.50	13.80	13.10	13.50	14.00	13.60	13.20	13.40	14.50
07	14.20	12.70	12.40	13.60	13.30	12.90	12.90	12.90	12.20				
08	13.90	13.70	13.70	13.50	13.20							12.60	12.40
09	14.20	14.30	14.20	14.80	13.80	13.70	12.90	13.80	12.00	13.90	13.50		
10	12.00	11.80	11.90	11.50	11.40	11.40	10.20	10.60	10.60	11.00	11.40	11.70	
11	12.00	11.90	12.00	11.70	12.10	10.90	11.30	10.40				10.70	
12	15.60	13.00	14.20	13.80	14.00	13.00	13.20	13.80	14.10	13.90	13.80		
13	14.90	14.40	14.70	14.00	13.80	13.40	13.80	13.80	13.90	14.70	13.40		
14	15.40	14.00	14.20	15.10	13.80	15.30	15.00	14.40	14.80				
15	17.60	15.90	15.40	15.80	14.40	14.90	13.00	15.80	16.10	14.80	14.50		
16	14.70	13.80	13.30	14.40	13.80	12.90	13.20	13.30	13.60	12.30			
17	16.20	16.10	16.00										
18	13.60	13.40	13.60	13.50	13.40	13.20	12.60	12.40	12.70	12.80	13.10		
19	15.10	14.50	15.00	15.50	15.40	15.30	14.80	14.70	14.80	14.70	14.50		
20	15.90	14.40	15.00	16.30	14.90	14.60	15.10	15.30	15.00	14.90	15.40	16.10	
21	15.20	15.10	14.80	14.50	14.90	14.60	13.50	14.20	14.50	15.30	14.70	15.10	
average	14.71	14.24	14.31	14.16	13.80	13.41	13.77	13.78	13.49	13.60	14.30	13.63	
stdev	1.32	1.39	1.24	1.33	1.00	1.33	1.33	1.87	1.36	1.38	1.03	1.52	1.33
max	17.60	17.30	17.00	16.90	15.40	16.40	15.50	19.30	16.10	15.30	15.40	16.10	14.50
min	12.00	11.80	11.90	11.50	11.40	10.90	10.20	10.40	11.00	10.70	11.70	12.20	12.10

BLANK-NOT OBTAINED

HEMATOCRIT

%

TABLE 8c

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	46.50	48.00	49.70	43.50	43.00	41.88	45.40	43.80	43.16	46.90	41.80	44.50	43.00
02	45.30	46.00	41.80	45.20	44.30	48.70	44.40	43.30	43.40	43.30			
03	41.80	40.10	44.60	37.60	39.70	42.20	37.60	38.70	34.50	37.00	36.80	36.80	35.40
04	47.40	42.90	45.20	43.20	42.10	41.00	39.80	41.80	40.50				
05	42.60	42.20	41.20	40.60	39.50	39.00	41.40	43.20					
06	42.00	41.20	41.70	40.50	39.40	39.20	37.80	38.90	39.70	40.00	39.70	39.30	41.00
07	43.00	38.30	37.90	39.30	36.80	37.00	38.70	38.90			36.80	39.10	
08	42.90	41.80	40.80	41.30	39.50								
09	42.90	42.80	41.70	44.50	36.40	39.90	39.30	42.50	38.20	42.20	40.30		
10	35.40	35.30	35.80	34.30	32.00	33.50	31.20	33.40	33.50	34.60	34.40		
11	46.50	35.20	34.50	34.00	36.20	33.60	35.40	31.90			32.50		
12	47.90	40.00	43.40	43.00	42.90	39.40	40.00	40.00	40.50	40.60	40.40		
13	44.90	42.50	43.20	40.90	40.60	37.60	39.40	38.60	40.60	42.50	40.20		
14	44.50	41.30	41.40	43.90	44.30	44.10	44.10	42.40	44.20				
15	43.40	46.80	43.90	46.00	43.90	42.20	37.00	45.00	47.00	43.50	44.80		
16	43.50	42.60	43.00	42.80	42.30	38.40	39.00	39.70	41.30	32.60			
17	48.30	48.40	47.40										
18	38.40	40.80	40.30	40.80	40.80	37.00	37.40	38.40	39.60	39.60			
19	45.50	44.10	44.00	45.30	44.80	45.00	44.10	43.00	43.90	42.90	42.70		
20	45.50	42.40	43.60	45.50	44.30	43.30	43.50	46.30	44.00	43.50	46.00	47.60	
21	42.90	43.80	42.80	41.90	43.30	42.80	38.90	41.40	41.90	44.50	43.80	43.30	
average	43.83	42.20	42.29	41.71	40.76	40.51	39.68	40.80	40.56	40.13	40.51	42.30	39.83
stdev	4.00	3.47	3.43	3.40	3.43	3.69	3.55	5.00	3.63	3.53	2.94	4.28	3.88
max	53.30	48.40	49.70	46.00	44.80	48.70	45.40	56.30	47.00	44.50	46.00	47.60	43.00
min	35.40	35.20	34.50	34.00	32.00	33.50	31.20	33.90	33.50	32.50	34.40	36.80	35.50

BLANK-NOT OBTAINED

RBC

MILL/cuMM

TABLE 8d

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	5.29	5.49	5.66	4.93	4.94	4.71	5.14	4.42	4.60	4.63	4.74	5.08	-5.09
02	4.99	5.18	4.67	5.01	4.92	5.39	4.92	4.90	4.94	4.87			
03	4.76	4.57	5.12	4.31	4.49	4.90	4.33	4.50	4.03	4.37	4.28	4.39	4.42
04	5.30	4.76	4.39	4.84	4.63	4.58	4.43	4.61	4.50				
05	4.78	4.85	4.72	4.67	4.59	4.56	4.74	4.98					
06	4.86	4.80	4.81	4.69	4.85	4.65	4.35	4.48	4.58	4.64	4.59	4.54	4.86
07	4.77	4.32	4.18	4.16	3.98	4.15	4.16	4.31			4.21	4.47	
08	5.01	4.94	4.83	4.85	4.71								
09	4.88	4.90	4.81	5.03	4.16	4.67	4.46	4.84	4.15	4.79	4.55		
10	4.01	4.01	4.07	3.91	3.66	3.62	3.55	3.82	3.85	3.99	3.97		
11	4.18	4.03	4.01	3.89	4.15	3.60	3.98	3.60			3.66		
12	4.99	4.18	4.54	4.50	4.47	4.15	4.16	4.22	4.34	4.28	4.27		
13	5.01	4.76	4.82	4.52	4.42	4.25	4.39	4.30	4.48	4.71	4.42		
14	4.71	4.51	4.75	4.68	4.72	4.72	4.56	4.75					
15	5.36	5.68	5.37	5.49	5.22	5.08	4.61	5.10	5.60	5.19	5.01		
16	4.91	4.75	4.82	4.79	4.65	4.58	4.46	4.44	4.63	4.28			
17	5.61	5.65	5.54										
18	4.49	4.70	4.73	4.70	4.73	4.43	4.40	4.45	4.51	4.64			
19	5.27	5.01	5.09	5.28	5.23	5.18	5.12	4.99	5.08	4.97	4.97		
20	4.47	4.19	4.31	4.62	4.34	4.22	4.27	5.34	4.35	4.30	4.57	4.77	
21	4.76	4.79	4.72	4.61	4.76	4.66	4.20	4.49	4.81	4.90	4.74	4.74	
average	4.92	4.76	4.78	4.69	4.58	4.55	4.44	4.55	4.49	4.52	4.56	4.70	4.79
stdev	0.49	0.48	0.44	0.39	0.39	0.43	0.38	0.45	0.55	0.40	0.29	0.26	0.34
max	6.36	5.68	5.66	5.49	5.23	5.39	5.14	5.54	5.60	5.19	5.01	5.08	5.09
min	4.01	4.01	4.01	3.89	3.66	3.80	3.55	3.60	3.03	3.66	3.97	4.39	4.42

BLANK-NOT OBTAINED

MCV

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TABLE 8e

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	88.00	87.00	87.80	88.20	87.00	86.90	88.20	87.50	87.60	88.20	88.10	87.50	84.00
02	90.70	89.00	89.70	90.10	90.00	90.30	90.20	88.30	87.80	88.90			
03	87.80	87.80	86.90	87.20	88.40	86.00	86.90	85.80	85.60	84.80	85.90	83.80	80.00
04	89.30	90.00	90.60	89.50	90.90	89.00	89.90	90.70	90.00				
05	87.00	86.80	87.20	86.80	86.00	85.00	87.30	86.60					
06	86.40	85.80	86.70	86.00	86.00	85.70	87.00	86.80	86.70	86.30	86.60	80.40	84.00
07	90.00	90.30	90.70	90.10	90.00	88.60	89.00	89.70		87.40	87.40		
08	85.60	84.60	84.50	85.10	84.00								
09	87.90	87.20	86.70	88.30	83.50	87.10	88.20	87.70	87.30	88.00	88.00	88.60	
10	88.30	88.00	88.00	87.70	87.60	87.50	87.70	87.40	86.90	86.90	86.60	86.50	
11	87.30	87.60	86.00	87.40	87.20	88.50	88.80	88.50		88.80			
12	85.40	95.40	95.60	95.60	96.00	95.80	96.20	94.20	94.70	93.00	94.10	94.60	
13	89.50	89.30	89.60	90.30	90.30	88.90	89.60	89.90	90.60	90.20		91.00	
14	94.00	92.40	91.20	92.40	91.70	93.20	93.40	92.80	92.80				
15	83.80	82.30	81.80	83.70	83.90	83.10	81.80	83.10	84.00	83.70	83.50		
16	89.00	89.70	89.30	89.30	91.00	89.00	87.00	89.40	89.10	88.40			
17	85.90	85.60	85.60										
18	86.60	85.50	85.20	86.10	86.10		83.00	85.10	86.10	86.50	85.40		
19	86.30	87.90	86.00	85.80	85.60	86.70	86.20	85.90	86.40	86.20	85.80		
20	101.70	101.40	101.20	99.00	102.10	102.40	101.90	101.60	101.90	101.10	100.50	99.10	
21	90.00	91.40	90.70	90.80	90.80	91.70	92.70	92.10	90.00	90.70	92.40	91.40	
average	89.10	88.80	88.62	88.97	89.06	89.19	89.21	89.16	88.68	88.95	89.57	82.67	
stdev	3.99	4.02	4.12	3.61	4.57	4.46	4.52	4.09	4.19	4.02	4.64	7.11	2.31
max	101.70	101.10	101.20	99.00	102.10	102.40	101.90	101.60	101.00	101.10	100.50	99.70	84.00
min	83.80	82.30	81.80	83.70	83.50	83.10	81.80	83.10	84.00	83.70	83.50	80.40	80.00

BLANK-NOT OBTAINED

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TABLE 8f

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	29.90	31.50	30.00	30.10	30.20	30.10	29.80	30.30	30.10	29.60	29.00	30.10	30.10
02	30.60	31.50	30.10	30.80	30.30	30.40	30.60	30.10	29.80				
03	29.60	29.10	29.60	29.90	29.40	29.60	28.90	29.50	28.80	28.70	28.90	27.70	27.70
04	28.20	31.00	31.00	30.60	30.60	30.80	30.70	30.20	30.20				
05	28.90	28.90	29.00	28.90	28.50	28.90	28.60	28.30					
06	29.30	29.70	29.50	29.40	29.40	29.70	30.10	30.00	30.60	29.40	28.90	29.40	29.80
07	29.80	30.10	29.70	29.80	33.40	30.80	30.80	28.30		28.40	28.40		
08	27.90	27.80	28.30	27.90	28.00								
09	29.20	29.30	29.60	29.30	33.20	29.90	28.80	28.60	28.80	29.00	29.80		
10	29.80	29.50	29.20	29.40	31.30	29.90	28.70	28.20	28.60	28.50	29.50		
11	28.80	29.60	29.90	30.00	29.10	28.60	28.50	29.00				29.30	
12	31.40	31.20	31.30	30.80	31.30	31.50	31.80	32.70	32.50	32.50	32.30		
13	29.80	30.20	30.50	31.00	30.80	31.40	31.50	31.50	31.10	31.20	30.40		
14	32.70	31.10	31.50	31.80	31.10	32.40	31.80	31.50	31.20				
15	27.70	28.00	28.70	28.90	27.60	29.40	28.80	29.90	28.80	28.50	29.00		
16	29.90	29.00	28.90	30.10	29.60	29.90	29.60	29.90	29.30	29.00			
17	28.90	28.40	28.90										
18	28.90	28.50	28.60	28.50	28.50	27.80	28.40	28.30	28.40	28.30			
19	28.60	29.00	29.50	29.50	29.40	29.50	28.90	29.40	29.10	29.60	29.10		
20	35.50	34.40	34.70	36.60	34.40	34.70	35.40	34.90	34.60	34.60	33.80		
21	31.90	31.60	31.40	31.50	31.40	31.30	32.00	31.60	31.70	31.20	31.10	34.90	
average	29.86	29.97	30.00	30.24	30.13	30.77	30.20	30.12	30.26	29.88	30.08	30.96	29.20
stdev	1.79	1.56	1.43	1.79	1.83	2.61	1.77	1.73	1.68	1.73	1.62	3.18	1.31
max	36.50	34.70	36.60	36.60	39.60	35.40	34.90	34.60	34.60	34.60	34.90	30.10	
min	27.70	27.80	28.30	27.90	27.60	27.80	28.40	28.20	28.40	28.30	28.40	27.70	27.70

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TABLE 8g

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	34.10	36.30	34.20	34.10	34.70	34.60	34.10	34.00	43.60	34.10	33.60	33.20	35.90
02	33.70	35.30	33.60	34.10	34.20	33.60	33.70	34.70	34.30	33.50			
03	33.70	33.20	34.10	34.30	33.20	34.40	33.30	34.30	33.60	33.80	33.60	33.10	34.30
04	31.50	34.40	34.20	34.10	33.60	34.50	34.20	33.30	33.60				
05	33.20	33.30	33.30	33.20	33.30	33.90	32.80	32.70					
06	33.80	34.60	34.00	34.30	34.20	34.70	34.70	34.80	34.50	35.30	34.00	33.30	34.00
07	33.30	33.30	32.70	33.10	33.10	34.80	34.80	34.80	34.50				
08	32.50	32.90	33.40	32.80	33.30								
09	33.20	33.50	34.10	33.20	33.40	34.40	32.70	32.60	33.00				
10	33.70	33.50	33.20	33.50	33.40	34.10	32.70	32.30	32.80	32.80			
11	32.40	33.80	34.70	34.30	33.30	32.30	32.30	32.30					
12	32.80	32.60	32.70	32.20	32.60	33.10	33.10	34.50	35.00				
13	33.30	33.80	34.00	34.30	34.10	35.50	35.20	35.10	34.40	34.50			
14	43.80	33.60	34.50	34.40	33.50	34.70	34.00	33.90	33.60				
15	33.10	33.90	35.00	34.50	32.90	35.30	35.10	35.20	34.30	34.10			
16	33.10	32.40	32.40	33.70	32.50	33.60	34.10	33.40	32.80	32.80			
17	33.50	33.20	33.70										
18	33.30	33.20	33.60	33.00	33.10	32.30	34.30	33.20	33.00	32.30	33.10		
19	33.10	32.90	34.40	34.30	34.30	34.00	33.60	34.20	33.70	34.40	33.90		
20	34.90	34.00	34.30	36.80	33.60	33.80	34.70	34.40	34.20	34.20	33.50	33.90	
21	35.40	34.50	34.50	34.60	34.50	34.10	34.50	34.30	35.20	34.40	33.70	31.80	
average	33.90	33.72	33.84	33.94	33.97	34.09	33.88	33.73	34.53	33.61	33.58	33.45	35.20
stdev	2.40	0.91	0.69	0.95	1.36	0.86	0.91	1.02	2.55	0.75	0.45	0.94	0.82
max	43.80	36.30	35.00	36.80	37.90	35.50	35.20	35.20	43.60	34.50	34.20	34.60	35.90
min	31.50	32.40	32.40	32.20	32.50	32.30	32.00	31.50	32.80	32.30	32.50	31.90	34.30

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TABLE 8h

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01		2.00	0.70	2.50	1.80	1.50	1.50	1.50	2.00	1.50	1.90	1.00	1.10
02		1.50	0.10	1.80	1.90	1.40	2.00	0.40	1.90	0.50			
03		1.00	1.50	0.70	2.80	1.20	2.00	0.10	2.00	1.40	1.60	1.20	1.30
04	0.60	1.20	2.80	2.80	1.90	2.00	3.00	4.40	1.00				
05	1.20	2.30	2.00	2.50	2.40	1.50	1.50	2.40					
06		0.40	1.00	0.50	3.60	1.60	1.60	1.00	1.00	1.00	0.80	0.90	2.00
07	1.00	0.50	0.20	1.10	1.00	2.40	3.80	1.30		1.40	0.80		
08	0.60	1.00	1.60	0.40	1.50								
09	0.10	1.30	1.20	1.20	1.00	2.00	2.50	1.00	2.40	0.50	0.40		
10		2.00	0.10	0.30	1.00	1.70	2.00	1.10	0.10	0.10	0.60	1.20	
11	2.70	4.40	2.10	0.90	3.00	4.50	6.70	5.40			1.00		
12		2.50	2.80	2.00	1.30	1.10	0.00	2.00	4.60	1.20			
13			3.40		1.40	1.80	1.50	1.80	2.00	1.10	1.10	1.30	
14			3.90	2.30	2.40	1.70	2.40	2.20	0.30				
15		2.70	2.00	3.60	1.70	1.60	2.60	1.50	2.60	2.80			
16		2.10	1.00	0.80	0.80	1.30	2.70	0.90	0.50				
17	1.00	1.00											
18	1.20	1.30	0.60	0.60	0.80	0.90	1.50	1.50	2.40	0.90			
19	0.90	0.30	0.70	1.00	0.40	1.80	1.00	0.10					
20	0.90				1.80	2.50	3.50	3.00	1.00	1.40	3.20		
21	0.30	1.00	2.00	1.40	3.00	3.50	1.00	1.20	3.10	0.50	3.40	0.50	
average	0.93	1.47	1.62	1.37	1.84	1.90	2.14	1.97	1.62	1.21	1.49	1.36	1.47
stdev	0.87	0.94	1.09	0.81	0.92	1.04	1.42	1.31	1.17	0.69	0.92	1.06	0.47
max	2.70	4.30	3.90	2.80	3.60	4.50	6.70	5.40	4.60	2.60	3.40	3.20	2.00
min	0.10	0.40	0.10	0.30	0.60	0.40	0.00	0.10	0.10	0.50	0.30	0.50	1.10

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TABLE 8 i

SUBJECT NO.	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	0.00	0.00	5.10	4.60	5.40	6.20	5.80	5.60	3.30	3.90	5.60	0.00
02	0.00	0.00	3.00	4.80	4.90	5.10	5.50	6.20	0.30	1.90		
03	1.20	1.30	1.20	2.10	1.30	2.20	2.30	2.50	1.70	1.40	3.50	0.00
04		1.10	1.30	1.00	1.70	0.00	0.90	0.80	0.00			
05	4.70	6.00	5.70	4.00	0.00	0.00	3.80	3.40				
06	0.00	0.70	1.90	0.00	1.90	2.30	1.90	2.70	2.10	2.20	1.50	2.00
07	0.00	2.80	3.60	5.60	3.80	6.00	0.00	3.90		3.50	0.00	
08	4.00	5.40	5.90	6.00	0.00							
09	1.20	1.00	2.50	2.30	1.30	2.00	1.70	1.50	0.80	1.70	1.00	
10	2.00	2.50	2.30	1.20	2.00	1.80	1.80	2.90	1.70	2.10	1.80	
11	2.40	0.90	0.00	4.00	0.00	3.30	3.10	3.80		4.70		
12	0.90	0.80	1.60	2.40	2.00	2.20	1.60	1.80	0.00	1.70	1.70	
13	2.50	1.40	4.20	3.70	3.10	3.80	3.50	3.50	4.30	5.10	4.70	
14	0.00	1.40	2.00	2.00	1.20	1.70	2.00	4.10	2.00			
15	6.70	5.20	8.00	7.90	12.00	9.60	11.60	16.10	15.90	14.30	12.60	0.00
16	0.00	2.20	3.20	3.30	3.20	3.70	0.00	4.90	3.50	3.00		
17	9.20	1.00	7.80									
18	2.80	3.60	1.00	3.70	3.40	0.00	3.20	3.10	3.10	2.40		
19	2.70	2.80	0.00	3.00	2.60	2.00	3.30	3.40	3.30	2.70	3.00	
20	2.20	0.00	3.00	0.00	2.70	10.00	4.00	2.30	2.00	2.50	1.10	2.00
21	2.10	2.60	2.30	2.70	3.10	2.60	2.80	3.00	0.00	3.40		
average	2.23	2.03	3.12	3.11	2.76	3.53	2.95	3.99	2.89	3.54	3.05	2.86
stdev	2.43	1.77	2.27	2.07	2.60	2.72	2.70	3.23	3.83	3.05	3.12	2.27
max	9.20	6.00	8.00	7.90	12.00	10.00	11.60	16.10	15.90	14.30	12.00	5.60
min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	1.40	0.00	0.00

BLANK-NOT OBTAINED

SEGMENTED

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TABLE 8:

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	66.00	68.00	51.40	51.70	55.90	57.60	56.30	60.00	57.50	65.10	52.80	52.20	-68.00
02	59.90	52.00	46.90	49.20	50.30	45.70	44.00	50.90	56.50	37.50			
03	54.20	53.20	51.00	43.00	63.80	48.50	47.70	44.60	52.20	47.60	57.70	76.00	50.00
04		64.90	57.70	60.30	52.50	59.00	65.10	72.10	61.00				
05	50.10	51.40	45.70	41.00	51.00	59.00	51.00	51.30	57.40				
06	58.00	64.80	54.10	58.00	58.10	60.80	66.20	55.70	59.10	60.90	58.20	70.60	64.00
07	52.00	46.50	48.70	46.40	54.30	53.20	58.00	60.30		53.60	63.00		
08	58.00	38.10	35.10	36.00	42.00								
09	61.10	67.20	61.90	64.40	67.00	53.00	65.70	66.80	69.20	68.50	65.20		
10	51.60	48.30	49.50	57.70	44.00	58.00	63.50	58.80	54.20	49.70	45.60		
11	63.30	77.60	78.00	42.40	42.00	52.20	59.70	58.80		54.70			
12	60.20	53.00	56.50	49.20	51.60	55.80	52.10	55.00	56.00	53.90	55.70		
13	54.40	53.90	42.10	48.20	54.40	46.00	43.90	43.90	46.70	43.60	40.20	57.90	
14	69.00	56.50	56.60	56.00	61.50	59.10	55.90	62.90	65.50				
15	41.40	40.00	47.00	41.80	47.00	38.50	36.30	43.90	44.90	37.00	43.00		
16	60.00	65.00	57.20	54.10	56.30	57.60	62.00	50.30	53.80	53.20			
17	58.90	72.00	54.00										
18	61.40	48.80	46.00	53.00	47.20	46.40	51.00	51.30	45.20	31.20	42.80		
19	53.30	55.30	50.00	51.50	48.30	65.80	45.90	49.60	49.90	58.90	56.10		
20	52.60	43.00	38.00	51.60	43.00	53.00	53.00	48.50	53.10	35.30	66.00	44.70	
21	60.40	66.10	60.10	62.00	59.90	58.90	56.30	59.30	60.00	50.90	59.40	56.50	
average	56.30	56.46	51.36	50.75	53.69	53.01	54.24	54.95	55.42	50.10	54.28	59.65	60.67
stdev	6.69	10.80	9.92	7.63	6.14	8.37	8.44	7.77	6.65	10.87	8.78	11.66	9.45
max	69.00	77.60	78.00	64.40	67.00	65.80	66.20	72.10	69.20	68.50	66.00	76.00	68.00
min	41.40	38.10	30.00	36.00	42.00	32.00	36.30	43.90	44.90	31.20	40.20	44.70	50.00

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MONOCYTES

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Table 8k

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	7.00	6.00	8.00	9.70	7.60	7.40	8.70	7.80	8.60	6.20	9.10	9.70	8.00
02	17.00	11.00	2.00	12.80	10.90	13.20	14.80	8.90	19.00	20.50			
03	6.50	7.80	7.00	6.50	6.20	5.70	6.50	6.20	6.50	7.80	6.00	3.00	8.00
04		3.60	6.10	7.50	7.50	6.00	7.40	8.00	6.00				
05	6.80	8.30	8.90	9.00	12.00	7.00	10.00	8.10					
06	7.00	6.70	8.60	8.00	7.40	7.00	7.10	7.50	7.70	8.20	7.10	7.90	7.00
07	9.00	9.50	9.60	10.90	10.20	10.20	10.00	10.70			10.50	7.00	
08	17.00	14.60	13.50	13.00	15.00								
09	10.50	9.50	9.60	8.90	8.00	11.00	8.10	9.40	10.10	8.00	8.60		
10	5.00	8.30	7.80	10.50	1.00	8.10	8.20	8.90	8.90	8.50	12.80		
11	7.50	8.40	6.00	9.30	6.00	8.60	6.60	6.80			8.10		
12	7.60	6.30	8.30	7.10	8.40	7.10	8.20	8.20	8.00	8.30	7.60		
13	9.20	9.40	10.00	8.10	11.80	10.50	9.90	9.90	11.10	10.30	12.60	8.10	
14	10.00	10.80	12.10	11.00	12.60	12.20	12.50	10.20	12.10				
15	7.00	8.40	6.00	8.40	10.00	8.80	7.50	8.40	6.70	7.60	8.00	8.00	
16	6.00	5.70	7.40	7.40	6.90	8.40	6.00	7.80	7.40	7.30			
17	10.20	5.00	8.30										
18	9.60	10.60	8.00	6.00	12.00	11.80	11.00	8.80	10.50	9.80	10.00		
19	7.70	7.40	6.00	8.60	7.60	7.20	7.60	7.30	7.90	7.60	7.30		
20	8.70	6.00	7.00	9.00	7.70	16.00	8.00	10.40	10.60	11.40	8.80	10.40	
21	9.10	6.80	4.80	8.60	7.60	8.70	7.60	8.60	9.00	9.60	8.40	9.00	
average	8.92	8.10	7.86	9.02	8.82	9.31	8.72	8.52	9.38	9.36	8.72	8.02	7.75
stdev	3.14	2.47	2.46	1.88	3.07	2.99	2.21	1.22	3.11	3.27	2.05	2.63	0.50
max	17.00	14.60	13.50	13.00	15.00	18.00	14.80	10.70	19.00	20.50	12.80	10.40	8.00
min	5.00	3.60	2.00	6.00	1.00	5.70	6.00	6.20	6.00	6.20	6.00	3.00	7.00

BLANK-NOT OBTAINED

LYMPHOCYTES
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TABLE 81

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	27.00	26.00	35.50	33.00	39.50	29.10	28.30	26.20	28.20	25.40	34.10	31.60	24.00
02	33.00	37.00	48.00	31.90	33.50	35.20	35.00	34.00	23.80	39.60			
03	37.70	37.70	40.70	48.20	28.30	43.30	43.30	46.70	39.40	42.90	32.90	16.00	42.00
04		30.20	34.10	30.90	38.80	35.00	26.20	18.50	33.00				
05	38.40	34.10	39.40	45.00	37.00	34.00	34.90	31.00					
06	35.00	27.60	35.10	34.00	32.50	29.40	24.50	33.70	30.60	28.10	33.00	19.10	29.00
07	39.00	40.90	38.10	36.20	31.10	30.20	32.00	24.40		32.30	28.00		
08	31.00	41.70	45.00	34.00	43.00								
09	27.20	22.20	26.00	24.20	23.50	27.00	24.30	21.20	19.50	21.70	24.90		
10	38.50	40.90	39.60	30.20	48.00	32.00	26.20	28.70	32.10	38.70	39.20		
11	26.30	12.90	16.00	44.00	42.00	35.50	30.30	2.20		31.50			
12	30.90	39.60	33.20	39.80	37.00	34.90	37.70	34.90	36.00	35.90	34.50		
13	33.60	35.20	43.60	39.10	30.60	39.60	42.60	42.60	37.80	40.90	42.50	29.20	
14	21.00	31.00	29.20	29.00	24.20	26.50	28.90	21.90	19.80				
15	43.70	46.00	37.00	41.70	31.00	42.60	44.00	31.00	32.00	39.90	37.00		
16	34.00	26.70	32.00	35.20	31.50	30.00	31.00	35.70	34.40	35.70			
17	21.20	22.00	29.50										
18	26.00	36.60	44.00	40.00	36.90	48.10	38.00	36.10	40.80	55.40	44.50		
19	35.90	33.10	44.00	36.10	40.20	24.50	42.90	39.10	37.50	29.90	32.30		
20	36.40	45.00	68.00	42.00	37.90	40.00	38.00	36.10	34.00	50.50	23.60	42.10	
21	27.80	24.00	29.10	26.20	28.80	28.70	32.70	28.60	31.00	35.80	27.60	29.50	
average	32.18	32.88	37.10	36.04	34.77	33.98	33.73	30.14	31.87	36.51	33.39	27.92	29.00
stdev	6.18	8.56	9.16	6.41	6.35	6.39	6.58	9.95	6.39	8.72	6.37	9.37	9.27
max	43.70	46.00	60.00	48.20	48.00	48.10	44.00	46.70	40.80	55.40	44.50	42.10	42.00
min	21.00	12.90	16.00	24.20	23.50	24.50	24.30	2.20	19.50	21.70	23.60	16.00	21.00

TABLE 9a

N A X L S (Converged)												
SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	138	136	137	140	137	140	140	140	142	140	-141	139
02	136	136	138	137	138	136	148	148	129			
03	140	140	141	136	136		140	140	141	140	142	139
04	141	141	138	134	139	139	141	138				
05	142	136	139	142	142	142	142					
06	142	142	137	141	138	139	141	140	140	138	137	135
07	136		139	132	138	139	140	143	138	141	141	
08	147	138	137	135	137							
09	148	141	142	138	139	139	140	142	140	140	142	
10	137	134	137	137	132	135	137	135	137	138	138	135
11	145	135	135	138	137	140	139	139	138	138		
12	137	139		140	141	141	136	140	138	140	141	
13	140	148	139	141	142	139	138	134	140	139	141	
14	141	138	136	137	137	137	136	140	140			
15	140	139	139	141	141	138	139	140	139	142	139	136
16	141	141	138	141	139	138	138	140	140	143	139	
17	140		139									
18	134	135	137	134	137	137	136	141	141	133	138	
19	141	142	137	138	136	138	129	141	137	138		
20	138	139	140	137	138	139	138	142	140	135	138	141
21	144		137	135	137	139	137	135	142	139	144	143
average	140	139	138	137	138	139	138	140	140	139	140	138
stdev	04	03	02	03	02	02	03	03	02	04	02	03
max	148	148	142	141	142	141	142	142	148	143	144	141
min	134	134	135	132	135	134	129	134	137	129	135	135

TABLE 9b

SUBJECT NO.	SCR	DAY 0	DAY 1 DAY 4 DAY 7 DAY 14 DAY 21 DAY 28 DAY 35 DAY 42 DAY 54 DAY 72 DAY 180	POTASSIUM (Concentrated)		
				DAY 1	DAY 4	DAY 7
01	3.9	3.5	3.9	3.7	3.6	3.8
02	4.1	4.1	4.4	4.2	3.9	4
03	3.8	4.3	4.3	4.5	4.1	4.2
04	3.7	3.5	4.5	3.9	4.2	3.9
05	3.7		4.1	3.6	3.8	3.8
06	4.5	4.9	3.9	4	3.8	3.9
07	4.6		3.8	3.8	4.3	4.2
08	4.5	4	3.6	3.9	4.1	4
09	4.1	4	3.9	3.8	4.1	4
10	3.5	3.7	3.9	4	4	4.2
11	3.8	3.9	3.7	4	4.1	4
12	4	4.6		4.1	4.4	4.3
13	4.4	4.1	4	3.8	3.9	3.9
14	4.2	3.6	4	4.2	4.8	4.3
15	3.9	3.5	3.6	3.9	4.1	4
16	5.1	4.3	4.3	4.5	4.2	4.9
17		3.8	3.6			
18	4.6	4.4	4.6	4.5	4.1	4.5
19	4	4.2	3.8	4.2	4.1	4
20	3.6	3.7	3.8	4.1	3.6	4.2
21	4.5	3.8		4.5	4.1	4.3
average	4.1	4	4.1	4.1	4	4.2
stdev	0.4	0.4	0.3	0.3	0.3	0.4
max	5.1	4.6	4.6	4.5	4.8	4.9
min	3.5	3.5	3.6	3.6	3.8	3.7

BLANK- NOT OBTAINED

CHLORIDE

UNITS-mEq/l

TABLE 9c

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	98	95	101	101	103	105	99	102	105	101	105	108	106
02	100	99	105	103	103	100	98	101	103				
03	107	106	103	105	107	102		104	103	106	106	112	106
04	103	103	104	101	105	105		104	104				
05	106		104	108	109	108	108	108	106				
06	103	108	107	106	104	106	105	105	102	105	100	103	98
07	102		106	109	104	108	102	108	105	105	105	106	
08	113	105	104	108	104								
09	113	106	107	108	105	106	105	104	105	104	104	106	
10	102	102	106	107	105	109	104	105	106	106	108	103	
11	109	106	106	108	104	116	104	104	104	104	108		
12	103	104		104	105	103	106	105	105	105	107	105	
13	102	103	103	109	104	104	102	99	105	100	106		
14	104	104	103	108	103	105	106	107	107	107			
15	103	102	103	107	103	105	106	103	103	116	108		96
16	102	106	107	108	107	104	106	109	109	110	108		
17		101	106										
18	102	102	105	100	104	104	101	102	103	106	100		
19	104	104	102	99	104	105	102	106			111		
20	106	104	103	100	102	103	105	103	104	107	104		
21	105		102	102	104	100	107	100	105	105	105	109	
average	104	103	104	105	104	105	104	104	105	105	106	107	102
stdev	04	03	02	03	02	03	03	03	02	03	03	03	06
max	113	108	107	109	109	110	108	109	110	110	111	112	109
min	98	95	101	100	99	100	98	99	103	100	100	104	96

BLANK- NOT OBTAINED

CO2

UNITS-mEq/l

TABLE 9d

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	34.20	26.40	28.80	29.80	29.50	26.90	29.00	31.20	25.40	26.30	29.90	28.00	30.90
02	27.10	27.70	26.00	28.50	29.40	30.00	28.20	29.29	26.70				
03	28.00	29.40	29.60	25.30	25.50	24.60		28.70	25.70				
04	24.60	36.20	27.10	27.20	27.10	28.50		25.30	29.00				
05	29.60		25.90	28.30	28.40	29.20	27.10	30.60					
06	33.20	27.10	27.90	31.40	26.70	28.00	28.20	27.90	31.40	23.10	31.20	27.30	30.10
07	41.60		27.80	23.70	26.90	28.00	25.10	29.70	26.00	29.30	25.60		
08	25.40	25.50	26.20	29.70	25.30								
09	25.20	29.50	28.30	27.20	26.00	27.80	26.70	29.60	30.40	30.90	27.50		
10	22.40	20.80	24.10	23.00	21.20	24.30	24.20	24.90	23.20	24.10	22.40		
11	24.20	26.10	27.60	26.90	29.60	28.30	26.10	25.80					
12	29.20	26.00		24.00	29.00	28.40	24.90	28.50	28.60	25.20	28.80		
13	27.40	28.90	27.70	28.30	27.80	30.70	28.10	26.10	25.00	25.50	29.00		
14	29.10	22.30	24.50	24.30	26.10	24.00	22.30	23.50	21.10				
15	31.10	27.70	29.20	29.60	27.90	25.00	25.50	29.80	27.60	25.50	31.50		
16	33.70	22.00	24.80	26.80	24.20	30.00	26.90	26.40	24.60	23.60	28.90		
17		26.90	26.50										
18	27.70	27.10	25.40	28.20	28.00	24.20	24.10	26.80	29.90	27.00	29.30		
19	29.10	25.90	26.30	27.50	28.50	27.30	28.30	28.50	29.30				
20	28.70	25.50	24.30	26.80	24.90	27.20	26.90	20.10	28.80	23.50	25.70	25.40	
21	29.50		24.80	29.80	26.30	27.90	30.30	26.10	27.60	22.20	39.50	29.40	
average	28.52	26.72	26.64	27.32	26.92	27.38	26.58	27.30	27.08	25.18	27.90	27.10	29.67
stdev	3.19	3.37	1.69	2.30	2.09	2.07	2.05	2.74	2.67	2.82	3.03	1.73	1.50
max	34.20	36.20	29.60	31.40	29.60	30.70	30.30	31.20	31.20	30.90	31.50	29.40	30.90
min	22.40	20.80	24.10	23.00	21.20	24.00	22.30	20.10	21.40	19.90	22.40	25.40	28.00

BLANK- NOT OBTAINED

GLUCOSE

UNITS-mg/dL

TABLE 9e

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	78	89	70	74	83	91	68	63	63	60	73	83	-81
02	75	82	76	72	94	70	53	56	86				
03	71	67	76	74	85	73		75	75	77	52	86	76
04	78	106	76	83	84	91		76	75				
05	84	60	92	68	82	68		82					
06	80	98	75	57	76	57	82	53	90	74	64	80	95
07	70	65	61	67	84	78	94		57	83	74		
08	87	77	53	67	53								
09	61	64	56	63	65	64	60	63	72	64	51		
10	100	93	81	80	62	115	82	75	88	97	64		
11	79	80	87	86	74	64	64	68					
12	84	60		45	89	67	83	83	78	81	86		
13	70	58	64	75	55	77	74	83	66	74	108		
14	62	67	56	413	89	71	77	65	48				
15	64	52	53	67	54	62	116	54	60	62	68		93
16	82	66	65	84	92	78	61	76	75	76	89		
17		51	75										
18	66	83	76	74	25	97	63	69	51	82	64		
19	71	98	70	64	135	75	73	75	68				
20	68	80	48	48	61	77	80	36	62	75	76	57	
21	52		77	62	88	69	83	73	74	80	55	85	
average													
stdev													
max		100	97	113	135	115	116	94	90	97	106	86	95
min		52	51	48	45	53	57	53	30	48	50	51	57
													76

BLANK-NOT OBTAINED

ALK PHOSPHATASE UNITS-IU/L

TABLE 10a

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	91	100	89	83	79	90	94	77	88	90	87	88	113
02	81	86	77	80	75	86	81	95	70				
03	46	47	59	45	49	50	54	55	46	51	64	59	65
04	65	62	54		56	55		58	66				
05	63		55	55	59	57	60	70					
06	77	75	72	67	70	71	77	93	96	93	96	100	103
07	89	70	83	74	72	69	84	73	77	80			
08	65	60	56	53	53								
09	67	65	64	69	68	65	73	66	58	61	67		
10	84	78	72	69	74	85	77	81	87	86	85		
11	104	109	110	101	84	110	102		83				
12	67	55	53	56	59		65	65	65	65	64		
13	68	65	57	55	60	64	65	63	58	64	54		
14	71	77	75	76	76	65	58	59					
15	72	57	53	56	55	52	55	65	65	53	67		68
16	86	83	80	85	82	88	100	89	80	70	78		
17			81										
18	61	61	60	64	64	59	57	63	66	63	78		
19	78	79	70	75	72	75	69	75	76		81		
20	73	78	71	72	69	62	65	70	66	62	69	76	
21	61		57	58	60	58	59	56	56	53	60	57	
average	73	73	68	68	67	70	71	72	71	68	74	76	87
stdev	13	16	14	14	10	16	15	13	13	14	12	19	24
max	104	109	110	101	84	110	102	95	96	93	96	100	113
min	46	47	53	45	49	50	54	55	46	51	54	57	65

BLANK-NOT OBTAINED

ALBUMIN

UNITS-g/dL

TABLE 10b

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	4.50	4.60	4.10	4.00	3.70	4.10	4.40	3.90	4.40	4.20	4.20	4.30	4.00
02	4.10	3.60	3.70	3.80	4.20	4.20	4.00	4.00	3.70				
03	4.00	3.70	4.10	3.40	3.40	3.60	4.00	4.30	3.80	4.10	3.70	3.90	4.00
04	4.50	4.10	4.30	4.00	3.90	3.70		4.20	4.30				
05	4.10	3.60	3.70	3.60	3.60	3.70	3.90	4.60					
06	4.30	4.50	4.30	3.90	4.10	3.70	4.20	4.30	4.50	4.20	4.10	3.90	4.60
07	4.30	3.90	3.90	3.90	4.30		4.10	4.20	4.10	4.10	4.10		
08	4.40	4.10	3.80	3.80	3.90								
09	3.80	3.40	3.60	3.60	3.60	3.40	3.80	3.70	3.70	3.60	3.70		
10	3.80	3.70	3.60	3.60	3.50	3.50	3.20	3.70	3.70	3.70	3.70	3.80	
11	3.80	3.70	3.90	3.50	3.80	3.70	3.60	3.90	3.50				
12	4.80	4.60	4.60	3.80	3.90	3.90	4.00	4.20	4.20	4.00	4.00	3.90	
13	4.20	4.40	3.90	3.60	3.80	3.60	4.00	4.00	4.00	4.30	4.80	4.20	
14	3.60	3.30	3.10	3.50	3.70	3.70	3.60	3.60	3.60	3.60			
15	4.90	4.10	3.80	4.00	4.00	3.80	4.00	4.30	4.30	3.20	3.70	4.70	
16	3.80	3.70	3.50	3.60	3.40				3.70				
17			4.20										
18	3.80	3.70	3.60	3.70	3.50	3.50	3.60	3.90	3.40	4.20			
19	4.30	4.30	4.00	4.10	3.90	4.00	3.90	4.20	4.30		4.00		
20	4.50	4.10	4.00	4.20	3.90	3.90	4.40	4.20	3.70	4.10	4.40		
21	4.30	4.00	4.00	4.10	4.10	4.10	4.20	4.20	3.80	3.90	4.20		
average	4.19	3.95	3.89	3.78	3.81	3.78	3.91	4.10	3.99	3.87	3.97	4.14	4.33
stdev	0.36	0.40	0.33	0.23	0.26	0.24	0.28	0.27	0.37	0.46	0.20	0.23	0.38
max	4.90	4.60	4.60	4.20	4.30	4.20	4.40	4.60	4.50	4.80	4.20	4.40	4.70
min	3.60	3.30	3.10	3.40	3.40	3.40	3.20	3.60	3.20	3.20	3.70	3.90	4.00

TABLE 10c

		BULLIXES (Converted)													
SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180		
01	0.40	0.60	0.80	0.50	0.60	0.50	0.70	0.60	0.60	0.70	0.50	0.40	0.70		
02	0.60	0.70	0.50	0.50	0.60	0.50	0.50	0.70	0.40						
03	0.50	0.60	0.90	0.50	0.60	0.40		0.70	0.40	0.70	0.30	0.50	0.50		
04	0.50	0.60	0.60	0.40	0.40	0.40		0.30	0.40	0.50					
05	0.60		0.50	0.60	0.50	0.60	0.60	0.60							
06	1.00	0.80	1.10	0.40	0.70	0.70	0.80	0.80	0.80	1.30	0.80	0.60	1.10		
07	0.60		0.70	0.30	0.40	0.20	0.40	0.50	0.40	0.50	0.40				
08	0.50	0.60	0.60	0.50	0.50										
09	0.60	0.60	0.60	0.90	0.70	0.60	0.80	0.30	0.50	0.50	0.60				
10	0.20	0.30	0.40	0.40	0.30	0.20	0.40	0.30	0.30	0.20	0.20	0.30			
11	0.70	0.30	0.60	0.40	0.60	0.60	0.90	0.50			0.50				
12	1.30	1.10		1.00	0.70	0.90	0.60	0.90	0.80	0.90	0.80				
13	1.50	1.90	2.60	1.50	1.30	1.10	0.80	1.70	1.40	2.40	1.10				
14	0.80	0.70	1.00	0.80	0.70	0.60	0.60	1.00	1.00						
15	1.00	0.50	0.80	0.80	0.70	0.90	0.60	0.80	0.70	0.50	0.60				
16	0.30	0.50	0.80	0.80	0.70	0.90	0.60	0.80	0.70	0.50	0.60				
17		0.80	1.00												
18	0.40	0.50	0.60	0.40	0.20	0.20	0.30	0.30	0.50	0.40	0.50				
19	1.00	0.70	1.00	0.90	0.70	0.60	0.60	0.80	0.80		0.70				
20	1.50	1.60	1.60	1.40	1.30	1.20	1.10	1.70	1.20	0.90	1.30	1.70			
21	0.40			0.80	0.80	0.80	0.50	0.70	0.40	0.50	0.60	0.60			
average	0.72	0.74	0.88	0.69	0.65	0.61	0.65	0.72	0.67	0.74	0.65	0.76	0.77		
stdev	0.38	0.41	0.49	0.33	0.27	0.29	0.20	0.41	0.31	0.53	0.28	0.53	0.31		
max	1.50	1.90	2.60	1.50	1.30	1.20	1.10	1.70	1.40	2.40	1.30	1.70	1.10		
min	0.20	0.30	0.40	0.30	0.20	0.20	0.30	0.30	0.30	0.20	0.30	0.40	0.50		

BLANK- NOT OBTAINED

BUN

UNITS-mg/dL

TABLE 10d

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	16	14	17	10	17	14	18	13	16	15	15	12	-12
02	19	10	10	12	11	12	18	9	8				
03	14	17	16	12	11	12		12	12	15	14	12	15
04	14.8	11.2	16	14	15	11		13	12				
05	9		14	12	12	13	12	8					
06	11	14	16	18	16	14	15	13	12	17	15	12	14
07	23		10	15	16	20	21	16	10	16	16	13	
08	13	14	18	18	20								
09	14	12	11	14	13	15	14	13	15	18	18	12	
10	15	11	11	9	10	18	12	7	12	13	8		
11	13	12	10	13	10	13	8	10		9			
12	10	15		12	12	14	14	11	12	10	11		
13	13	14	17	14	13	13	13	11	13	9	19		
14	12	14	12	12	11	13	15	15	15				
15	12	13	11	13	12	11	11	11	11	10	11	16	
16	10	14	13	17	14	13	15	15	12	10	15		
17	10.5	9											
18	8	14	9	11	8	10	14	12	10	11	7		
19	16	18	15	17	17	14	18	11	13		12		
20	12	11	10	10	10	12	11	8.3	8	10	9	14.1	
21	26		18	23	21	17	20	22	23	24	24	24	
average	14	13	13	14	14	15	15	12	13	13	13	14	14
stdev	04	02	03	03	02	03	03	03	03	04	04	04	02
max	25	18	18	23	21	20	21	22	23	22	24	22	16
min	08	10	09	08	10	08	07	08	09	09	07	12	12

BLANK- NOT OBTAINED

CALCIUM

UNITS-mg/dL

TABLE 10e

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	9.40	9.30	8.90	8.50	8.70	8.80	9.10	8.80	9.10	8.30	8.60	8.90	9.20
02	9.20	9.20	9.20	8.80	9.10	9.50	9.30	9.40	8.40				
03	9.30	9.30	9.60	8.30	8.90	6.80							
04	9.10	8.70	9.10	8.70	8.70	8.60							
05	8.80	8.30	8.40	8.30	8.20	8.50	9.10						
06	9.10	9.40	8.60	8.40	8.50	7.80	9.20	9.30	9.10				
07	9.00		8.60	8.30	8.90	8.70	9.10	9.10	8.70	8.80	8.80	9.10	
08	9.00	8.90	8.50	7.80	8.40								
09	8.60	8.70	8.20	7.90	8.60	8.70	9.00	8.70	7.60	8.50	8.80		
10	8.50	8.90	8.60	7.70	8.60	8.50	8.70	8.70	8.60	8.30	8.50	9.00	
11	8.50	8.30	8.20	8.10	8.80	8.20	8.60	8.20	8.30				
12	9.50	9.50		8.80	9.10	9.00	9.30	9.40	9.50	9.10	9.20		
13	9.00	8.90	9.10	8.10	8.30	8.70	9.60	8.70	9.00	9.40	9.00		
14	8.70	8.20	8.30	8.90	8.90	8.70	9.00	9.00	8.60				
15	9.10	8.60	8.60	8.20	8.90	8.70	8.80	8.90	9.00	7.70	8.10		
16	8.60	8.00	8.40	8.30	8.40	8.60	8.90	8.40	8.50	8.30	8.10		
17													
18	9.30	8.70	9.10	9.30	9.10	8.70	9.20	8.80	9.00	8.70	9.20		
19	9.10	8.80	8.70	9.20	8.80	9.30	8.90	9.30	9.00		8.80		
20	8.50	8.00	8.30	8.70	8.40	8.50	8.30	9.00	6.80	8.30	8.80		
21	8.90				8.80	8.80	8.70	8.80	9.20	8.10	8.80	9.00	
average	8.96	8.83	8.67	8.46	8.71	8.56	8.96	8.94	8.65	8.57	8.70	9.00	9.17
stdev	0.31	0.49	0.38	0.44	0.44	0.27	0.57	0.33	0.33	0.65	0.46	0.36	0.06
max	9.50	9.60	9.60	9.30	9.10	9.50	9.60	9.40	9.50	9.40	9.20	9.20	
min	8.50	8.00	8.20	7.70	8.30	6.80	8.30	8.20	6.80	7.70	8.10	8.80	9.10

BLANK-NOT OBTAINED

CHOLESTEROL

UNITS-mg/dL

TABLE 10f

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	200	224	210	198	192	201	210	192	203	188	185	225	184
02		186	167	165	169	177	170	150	118				
03	201	187	225	171	168	175	203	201	167	175	137	146	126
04	191	154	164	179	173	173							
05	101		92	97	91	101	105	90					
06	191	182	175	172	188	172	203	196	182	177	163	155	176
07	364	308	297	288	324	424	484	460	362	349			
08	192	191	186	195	194								
09	202	188	189	200	204	187	211	189	154	182	209		
10	179	164	166	153	138	171	172	171	163	163	171		
11	217	188	186	170	191	158	207	178	192				
12	242	231		224	222	225	232	225	234	206	203		
13	177	183	177	167	162	159	179	160	165	182			
14	214	193	185	212	220	206	214	216	230				
15	206	173	184	197	202	213	193	200	200	192	225		
16	173	172	175	175	156	161	166	172	180	157	164		
17													
18	206	173	184	197	204	213	193	200	201	192	226		
19	217	199	196	219	207	199	195	222	213	204			
20	119	117	118	114	132	122	141	138	127	109	105	126	
21	184		197	199	198	189	211	199	209	183	185	186	
average	199	190	183	185	188	191	206	194	194	191	180	167	162
stdev	52	39	40	40	44	64	76	67	57	52	33	39	31
max	364	308	297	288	326	424	484	440	381	349	225	225	184
min	101	117	92	97	101	105	90	118	109	105	125	125	126

TABLE 10g

SUBJECT NO.	SCR	DAY 0				DAY 1				DAY 4				DAY 7 (Converted)				DAY 21				DAY 28				DAY 35				DAY 42				DAY 54				DAY 72				DAY 180				
		DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21	DAY 0	DAY 1	DAY 4	DAY 7 DAY 17 DAY 21					
01		57	47	41	32				42	50	54	47				39																						38								
02		40	40	38	36				40	42	36																																			
03		66	79	54					52	72	71	47																														50				
04	50			55	60					41	44																																			
05			39	44	44				43	47	49																																			
06		38	38	37	85				32	33	36																																29			
07	48		47	46	54				55																																					
08		44	46			54																																								
09		42	48	42	40				41	48																																				
10		47	56	45	46				51	53	59	49																																		
11	55	57	59		37	48			49	55																																				
12		65		55	52				52	38	56																																			
13		54	44	51	41				51	48	50																																			
14		60	63	58	73				72	83	92	86																																		
15		64	61	63	64				66	62	74	61																																		
16		58	61	58	60				57	61	66	66																																		
17		39																																												
18		64	61	63	64				66	62	74	61																																		
19		64	61	63	64				66	62	74	61																																		
20		44	47	38	36				38	49	46	55																																		
21		63		59	40	41			47	41	50	62																																		
average		54	53	54	49	52			52	51	56	57																																		
stdev		07	11	11	09	15			12	12	15	13																																		
max		63	66	79	63	85			72	83	92	86																																		
min		48	38	38	37	32			32	33	36	32																																		

TABLE 10h

SUBJECT NO.	SCR	DAY 0				DAY 1				DAY 4				DAY 7				DAY 21				DAY 28				DAY 35				DAY 42				DAY 54				DAY 72				DAY 180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
DAY 0	DAY 1	DAY 4	DAY 7	DAY 11	DAY 14	DAY 17	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 110	DAY 119	DAY 128	DAY 132	DAY 139	DAY 147	DAY 150	DAY 156	DAY 161	DAY 166	DAY 173	DAY 179	DAY 186	DAY 193	DAY 199	DAY 205	DAY 211	DAY 217	DAY 223	DAY 229	DAY 235	DAY 241	DAY 247	DAY 253	DAY 259	DAY 265	DAY 271	DAY 277	DAY 283	DAY 289	DAY 295	DAY 301	DAY 307	DAY 313	DAY 319	DAY 325	DAY 331	DAY 337	DAY 343	DAY 349	DAY 355	DAY 361	DAY 367	DAY 373	DAY 379	DAY 385	DAY 391	DAY 397	DAY 403	DAY 409	DAY 415	DAY 421	DAY 427	DAY 433	DAY 439	DAY 445	DAY 451	DAY 457	DAY 463	DAY 469	DAY 475	DAY 481	DAY 487	DAY 493	DAY 499	DAY 505	DAY 511	DAY 517	DAY 523	DAY 529	DAY 535	DAY 541	DAY 547	DAY 553	DAY 559	DAY 565	DAY 571	DAY 577	DAY 583	DAY 589	DAY 595	DAY 601	DAY 607	DAY 613	DAY 619	DAY 625	DAY 631	DAY 637	DAY 643	DAY 649	DAY 655	DAY 661	DAY 667	DAY 673	DAY 679	DAY 685	DAY 691	DAY 697	DAY 703	DAY 709	DAY 715	DAY 721	DAY 727	DAY 733	DAY 739	DAY 745	DAY 751	DAY 757	DAY 763	DAY 769	DAY 775	DAY 781	DAY 787	DAY 793	DAY 799	DAY 805	DAY 811	DAY 817	DAY 823	DAY 829	DAY 835	DAY 841	DAY 847	DAY 853	DAY 859	DAY 865	DAY 871	DAY 877	DAY 883	DAY 889	DAY 895	DAY 901	DAY 907	DAY 913	DAY 919	DAY 925	DAY 931	DAY 937	DAY 943	DAY 949	DAY 955	DAY 961	DAY 967	DAY 973	DAY 979	DAY 985	DAY 991	DAY 997	DAY 1003	DAY 1009	DAY 1015	DAY 1021	DAY 1027	DAY 1033	DAY 1039	DAY 1045	DAY 1051	DAY 1057	DAY 1063	DAY 1069	DAY 1075	DAY 1081	DAY 1087	DAY 1093	DAY 1099	DAY 1105	DAY 1111	DAY 1117	DAY 1123	DAY 1129	DAY 1135	DAY 1141	DAY 1147	DAY 1153	DAY 1159	DAY 1165	DAY 1171	DAY 1177	DAY 1183	DAY 1189	DAY 1195	DAY 1201	DAY 1207	DAY 1213	DAY 1219	DAY 1225	DAY 1231	DAY 1237	DAY 1243	DAY 1249	DAY 1255	DAY 1261	DAY 1267	DAY 1273	DAY 1279	DAY 1285	DAY 1291	DAY 1297	DAY 1303	DAY 1309	DAY 1315	DAY 1321	DAY 1327	DAY 1333	DAY 1339	DAY 1345	DAY 1351	DAY 1357	DAY 1363	DAY 1369	DAY 1375	DAY 1381	DAY 1387	DAY 1393	DAY 1399	DAY 1405	DAY 1411	DAY 1417	DAY 1423	DAY 1429	DAY 1435	DAY 1441	DAY 1447	DAY 1453	DAY 1459	DAY 1465	DAY 1471	DAY 1477	DAY 1483	DAY 1489	DAY 1495	DAY 1501	DAY 1507	DAY 1513	DAY 1519	DAY 1525	DAY 1531	DAY 1537	DAY 1543	DAY 1549	DAY 1555	DAY 1561	DAY 1567	DAY 1573	DAY 1579	DAY 1585	DAY 1591	DAY 1597	DAY 1603	DAY 1609	DAY 1615	DAY 1621	DAY 1627	DAY 1633	DAY 1639	DAY 1645	DAY 1651	DAY 1657	DAY 1663	DAY 1669	DAY 1675	DAY 1681	DAY 1687	DAY 1693	DAY 1699	DAY 1705	DAY 1711	DAY 1717	DAY 1723	DAY 1729	DAY 1735	DAY 1741	DAY 1747	DAY 1753	DAY 1759	DAY 1765	DAY 1771	DAY 1777	DAY 1783	DAY 1789	DAY 1795	DAY 1801	DAY 1807	DAY 1813	DAY 1819	DAY 1825	DAY 1831	DAY 1837	DAY 1843	DAY 1849	DAY 1855	DAY 1861	DAY 1867	DAY 1873	DAY 1879	DAY 1885	DAY 1891	DAY 1897	DAY 1903	DAY 1909	DAY 1915	DAY 1921	DAY 1927	DAY 1933	DAY 1939	DAY 1945	DAY 1951	DAY 1957	DAY 1963	DAY 1969	DAY 1975	DAY 1981	DAY 1987	DAY 1993	DAY 1999	DAY 2005	DAY 2011	DAY 2017	DAY 2023	DAY 2029	DAY 2035	DAY 2041	DAY 2047	DAY 2053	DAY 2059	DAY 2065	DAY 2071	DAY 2077	DAY 2083	DAY 2089	DAY 2095	DAY 2101	DAY 2107	DAY 2113	DAY 2119	DAY 2125	DAY 2131	DAY 2137	DAY 2143	DAY 2149	DAY 2155	DAY 2161	DAY 2167	DAY 2173	DAY 2179	DAY 2185	DAY 2191	DAY 2197	DAY 2203	DAY 2209	DAY 2215	DAY 2221	DAY 2227	DAY 2233	DAY 2239	DAY 2245	DAY 2251	DAY 2257	DAY 2263	DAY 2269	DAY 2275	DAY 2281	DAY 2287	DAY 2293	DAY 2299	DAY 2305	DAY 2311	DAY 2317	DAY 2323	DAY 2329	DAY 2335	DAY 2341	DAY 2347	DAY 2353	DAY 2359	DAY 2365	DAY 2371	DAY 2377	DAY 2383	DAY 2389	DAY 2395	DAY 2401	DAY 2407	DAY 2413	DAY 2419	DAY 2425	DAY 2431	DAY 2437	DAY 2443	DAY 2449	DAY 2455	DAY 2461	DAY 2467	DAY 2473	DAY 2479	DAY 2485	DAY 2491	DAY 2497	DAY 2503	DAY 2509	DAY 2515	DAY 2521	DAY 2527	DAY 2533	DAY 2539	DAY 2545	DAY 2551	DAY 2557	DAY 2563	DAY 2569	DAY 2575	DAY 2581	DAY 2587	DAY 2593	DAY 2599	DAY 2605	DAY 2611	DAY 2617	DAY 2623	DAY 2629	DAY 2635	DAY 2641	DAY 2647	DAY 2653	DAY 2659	DAY 2665	DAY 2671	DAY 2677	DAY 2683	DAY 2689	DAY 2695	DAY 2701	DAY 2707	DAY 2713	DAY 2719	DAY 2725	DAY 2731	DAY 2737	DAY 2743	DAY 2749	DAY 2755	DAY 2761	DAY 2767	DAY 2773	DAY 2779	DAY 2785	DAY 2791	DAY 2797	DAY 2803	DAY 2809	DAY 2815	DAY 2821	DAY 2827	DAY 2833	DAY 2839	DAY 2845	DAY 2851	DAY 2857	DAY 2863	DAY 2869	DAY 2875	DAY 2881	DAY 2887	DAY 2893	DAY 2899	DAY 2905	DAY 2911	DAY 2917	DAY 2923	DAY 2929	DAY 2935	DAY 2941	DAY 2947	DAY 2953	DAY 2959	DAY 2965	DAY 2971	DAY 2977	DAY 2983	DAY 2989	DAY 2995	DAY 2999	DAY 3005	DAY 3011	DAY 3017	DAY 3023	DAY 3029	DAY 3035	DAY 3041	DAY 3047	DAY 3053	DAY 3059	DAY 3065	DAY 3071	DAY 3077	DAY 3083	DAY 3089	DAY 3095	DAY 3099	DAY 3105	DAY 3111	DAY 3117	DAY 3123	DAY 3129	DAY 3135	DAY 3141	DAY 3147	DAY 3153	DAY 3159	DAY 3165	DAY 3171	DAY 3177	DAY 3183	DAY 3189	DAY 3195	DAY 3199	DAY 3205	DAY 3211	DAY 3217	DAY 3223	DAY 3229	DAY 3235	DAY 3241	DAY 3247	DAY 3253	DAY 3259	DAY 3265	DAY 3271	DAY 3277	DAY 3283	DAY 3289	DAY 3295	DAY 3299	DAY 3305	DAY 3311	DAY 3317	DAY 3323	DAY 3329	DAY 3335	DAY 3341	DAY 3347	DAY 3353	DAY 3359	DAY 3365	DAY 3371	DAY 3377	DAY 3383	DAY 3389	DAY 3395	DAY 3399	DAY 3405	DAY 3411	DAY 3417	DAY 3423	DAY 3429	DAY 3435	DAY 3441	DAY 3447	DAY 3453	DAY 3459	DAY 3465	DAY 3471	DAY 3477	DAY 3483	DAY 3489	DAY 3495	DAY 3499	DAY 3505	DAY 3511	DAY 3517	DAY 3523	DAY 3529	DAY 3535	DAY 3541	DAY 3547	DAY 3553	DAY 3559	DAY 3565	DAY 3571	DAY 3577	DAY 3583	DAY 3589	DAY 3595	DAY 3599	DAY 3605	DAY 3611	DAY 3617	DAY 3623	DAY 3629	DAY 3635	DAY 3641	DAY 3647	DAY 3653	DAY 3659	DAY 3665	DAY 3671	DAY 3677	DAY 3683	DAY 3689	DAY 3695	DAY 3699	DAY 3705	DAY 3711	DAY 3717	DAY 3723	DAY 3729	DAY 3735	DAY 3741	DAY 3747	DAY 3753	DAY 3759	DAY 3765	DAY 3771	DAY 3777	DAY 3783	DAY 3789	DAY 3795	DAY 3799	DAY 3805	DAY 3811	DAY 3817	DAY 3823	DAY 3829	DAY 3835	DAY 3841	DAY 3847	DAY 3853	DAY 3859	DAY 3865	DAY 3871	DAY 3877	DAY 3883	DAY 3889	DAY 3895	DAY 3899	DAY 3905	DAY 3911	DAY 3917	DAY 3923	DAY 3929	DAY 3935	DAY 3941	DAY 3947	DAY 3953	DAY 3959	DAY 3965	DAY 3971	DAY 3977	DAY 3983	DAY 3989	DAY 3995	DAY 3999	DAY 4005	DAY 4011	DAY 4017	DAY 4023	DAY 4029	DAY 4035	DAY 4041	DAY 4047	DAY 4053	DAY 4059	DAY 4065	DAY 4071	DAY 4077	DAY 4083	DAY 4089	DAY 4095	DAY 4099	DAY 4105	DAY 4111	DAY 4117	DAY 4123	DAY 4129	DAY 4135	DAY 4141	DAY 4147	DAY 4153	DAY 4159	DAY 4165	DAY 4171	DAY 4177	DAY 4183	DAY 4189	DAY 4195	DAY 4199	DAY 4205	DAY 4211	DAY 4217	DAY 4223	DAY 4229	DAY 4235	DAY 4241	DAY 4247	DAY 4253	DAY 4259	DAY 4265	DAY 4271	DAY 4277	DAY 4283	DAY 4289	DAY 4295	DAY 4299	DAY 4305	DAY 4311	DAY 4317	DAY 4323	DAY 4329	DAY 4335	DAY 4341	DAY 4347	DAY 4353	DAY 4359	DAY 4365	DAY 4371	DAY 4377	DAY 4383	DAY 4389	DAY 4395	DAY 4399	DAY 4405	DAY 4411	DAY 4417	DAY 4423	DAY 4429	DAY 4435	DAY 4441	DAY 4447	DAY 4453	DAY 4459	DAY 4465	DAY 4471	DAY 4477	DAY 4483	DAY 4489	DAY 4495	DAY 4499	DAY 4505	DAY 4511	DAY 4517	DAY 4523	DAY 4529	DAY 4535	DAY 4541	DAY 4547	DAY 4553	DAY 4559	DAY 4565	DAY 4571	DAY 4577	DAY 4583	DAY 4589	DAY 4595	DAY 4599	DAY 4605	DAY 4611	DAY 4617	DAY 4623	DAY 4629	DAY 4635	DAY 4641	DAY 4647	DAY 4653	DAY 4659	DAY 4665	DAY 4671	DAY 4677	DAY 4683	DAY 4689	DAY 4695	DAY 4699	DAY 4705	DAY 4711	DAY 4717	DAY 4723	DAY 4729	DAY 4735	DAY 4741	DAY 4747	DAY 4753	DAY 4759	DAY 4765	DAY 4771	DAY 4777	DAY 4783	DAY 4789	DAY 4795	DAY 4799	DAY 4805	DAY 4811	DAY 4817	DAY 4823	DAY 4829	DAY 4835	DAY 4841	DAY 4847	DAY 4853	DAY 4859	DAY 4865	DAY 4871	DAY 4877	DAY 4883	DAY 4889	DAY 4895	DAY 4899	DAY 4905	DAY 4911	DAY 4917	DAY 4923	DAY 4929	DAY 4935	DAY 4941	DAY 4947	DAY 4953	DAY 4959	DAY 4965	DAY 4971	DAY 4977	DAY 4983	DAY 4989	DAY 4995	DAY 4999	DAY 5005	DAY 5011	DAY 5017	DAY 5023	DAY 5029	DAY 5035	DAY 5041	DAY 5047	DAY 5053	DAY 5059	DAY 5065	DAY 5071	DAY 5077	DAY 5083	DAY 5089	DAY 5095	DAY 5099	DAY 5105	DAY 5111	DAY 5117	DAY 5123	DAY 5129	DAY 5135	DAY 5141	DAY 5147	DAY 5153	DAY 5159	DAY 5165	DAY 5171	DAY 5177	DAY 5183	DAY 5189	DAY 5195	DAY 5199	DAY 5205	DAY 5211	DAY 5217	DAY 5223	DAY 5229	DAY 5235	DAY 5241	DAY 5247	DAY 5253	DAY 5259	DAY 5265	DAY 5271	DAY 5277	DAY 5283	DAY 5289	DAY 5295	DAY 5299	DAY 5305	DAY 5311	DAY 5317	DAY 5323	DAY 5329	DAY 5335	DAY 5341	DAY 5347	DAY 5353	DAY 5359	DAY 5365	DAY 5371	DAY 5377	DAY 5383	DAY 5389	DAY 5395	DAY 5399	DAY 5405	DAY 5411	DAY 5417	DAY 5423	DAY 5429	DAY 5435	DAY 5441	DAY 5447	DAY 5453	DAY 5459	DAY 5465	DAY 5471	DAY 5477	DAY 5483	DAY 5489	DAY 5495	DAY 5499	DAY 5505	DAY 5511	DAY 5517	DAY 5523	DAY 5529	DAY 5535	DAY 5541	DAY 5547	DAY 5553	DAY 5559	DAY 5565	DAY 5571	DAY 5577	DAY 5583	DAY 5589	DAY 5595	DAY 5599	DAY 5605	DAY 5611	DAY 5617	DAY 5623	DAY 5629	DAY 5635	DAY 5641	DAY 5647	DAY 5653	DAY 5659	DAY 5665	DAY 5671	DAY 5677	DAY 5683	DAY 5689	DAY 5695	DAY 5699	DAY 5705	DAY 5711	DAY 5717	DAY 5723	DAY 5729	DAY 5735	DAY 5741	DAY 5747	DAY 5753	DAY 5759	DAY 5765	DAY 5771	DAY 5777	DAY 5783	DAY 5789	DAY 5795	DAY 5799	DAY 5805	DAY 5811	DAY 5817	DAY 5823	DAY 5829	DAY 5835	DAY 5841	DAY 5847	DAY 5853	DAY 5859	DAY 5865	DAY 5871	DAY 5877	DAY 5883	DAY 5889	DAY 5895	DAY 5899	DAY 5905	DAY 5911	DAY 5917	DAY 5923	DAY 5929	DAY 5935	DAY 5941	DAY 5947	DAY 5953	DAY 5959	DAY 5965	DAY 5971	DAY 5977	DAY 5983	DAY 5989	DAY 5995	DAY 5999	DAY 6005	DAY 6011	DAY 6017	DAY 6023	DAY 6029	DAY 6035	DAY 6041	DAY 6047	DAY 6053	DAY 6059	DAY 6065	DAY 6071	DAY 6077	DAY 6083	DAY 6089	DAY 6095	DAY 6099	DAY 6105	DAY 6111	DAY 6117	DAY 6123	DAY 6129	DAY 6135	DAY 6141	DAY 6147	DAY 6153	DAY 6

BLANK-NOT OBTAINED

TRIGLYCERIDES

UNITS-mg/dL

TABLE 10 i

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	91	110	107	155	197	167	107	64	108	68	136	77	177
02	109	69	113	96	113	95	143	82					
03	65	50	57	55	56	79	38	75	41	64	57	53	56
04	114	125	50	146	56	165		42	46				
05	66		60	47	38	44	46	42					
06	59	106	100	67	101	70	100	70	57	83	46	50	99
07	45	47	41	187	218	199	190	35	124	55	179		
08	62	83	90	59	57								
09	55	80	94	91	105	84	81	73	48	76	99		
10	94	78	64	59	57	108	78	69	84	134	60		
11	145	118	96	123	187								
12	95	60		101	103	65	49	77	74	127			
13	193	88	87	104	69	86	128	95	69	61	183		
14	126	56	41	48	65	45	46	67	46				
15	102	134	108	73	102	65	44	176	190	118	97		
16	73	95	58	78	69	62	104	57	66	42	63		
17		93											
18	102	134	108	73	102	65	44	176	190	118	97		
19	147	152	114	140	152	122	139	89	81	136	104		
20	32	46	78	47	47	48	47	41	36	30	34	48	
21	62		95	132	73	55	47	84	66	54	149	60	
average	91	93	79	95	98	91	81	82	83	83	100	58	111
stdev	41	32	24	41	52	46	43	42	47	36	49	12	61
max	193	152	114	187	218	199	190	176	190	136	183	77	177
min	32	46	41	47	38	44	38	35	36	30	34	48	56

BLANK- NOT OBTAINED

CREATININE

UNITS-mg/dl

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	1.00	0.90	0.70	0.80	0.90	1.10	0.90	0.80	0.90	0.90	0.80	0.80	1.00
02	1.50	1.40	1.20	1.40	1.30	1.50	1.40	1.30	1.30				
03	0.80	0.80	1.00	0.80	0.70	0.80		0.80	0.70	0.80	0.80	0.80	0.80
04	1.10	1.00	0.80	0.70	0.70		0.70		0.80	0.80			
05	1.00		1.00	0.90	1.10	1.30	1.10	1.20					
06	0.90	0.90	0.80	0.80	0.80	0.70	0.90	0.80	0.90	0.80	0.80	0.80	0.90
07	0.80		0.60	0.60	0.50	0.80	0.80	0.60	0.80	1.00	0.70		
08	1.00	0.90	0.80	0.90	0.70								
09	1.00	0.90	0.80	0.90	0.90	0.90	0.90	1.00	0.90	0.90	0.90		
10	0.90	0.90	0.70	0.90	0.70	1.00	0.80	0.80	0.90	0.90	0.90	1.00	
11	0.70	0.70	0.80	0.70	0.80	0.80	0.70	0.60		0.70			
12	1.00	1.20		1.10	1.00	1.00	1.10	1.10	1.10	1.00	1.00	1.00	
13	0.90	1.00	0.90	0.80	0.90	1.00	1.00	0.90	0.90	1.00	1.00		
14	1.00	1.00	0.80	0.90	1.10	1.10	1.00	1.00	0.90				
15	1.00	0.90	1.00	1.00	1.10	1.00	0.90	1.10	1.10	1.00	0.90	1.00	0.90
16	1.00	1.00	0.90	0.90	1.10	0.90	1.00	0.90	1.00	0.90	0.90	1.00	
17	1.50	1.10											
18	1.00	1.00	1.10	0.90	0.90	1.00	1.00	1.10	1.00				
19	0.90	0.80	0.90	0.90	0.80	1.00	1.00	0.90	1.00	0.50			
20	1.00	0.90	0.90	0.90	0.80	0.90	0.80	0.90	1.00	0.80	0.90	0.90	
21	1.10		0.80	1.00	1.00	0.90	1.00	1.20	1.00	0.80	1.00	1.00	
average	0.99	0.98	0.88	0.90	0.88	0.97	0.95	0.94	0.94	0.89	0.88	0.86	0.90
stdev	0.18	0.20	0.14	0.17	0.19	0.20	0.16	0.19	0.13	0.09	0.15	0.09	0.08
max	1.60	1.50	1.20	1.40	1.30	1.50	1.40	1.30	1.30	1.00	1.00	1.00	1.00
min	0.70	0.70	0.60	0.60	0.50	0.70	0.70	0.60	0.70	0.70	0.50	0.80	0.80

BLANK-NOT OBTAINED

gGT

UNITS-IU/L

TABLE 10k

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01													- 16
02													
03													17
04													
05													
06													
07													
08													
09													
10													
11													
12													
13	13	13	9	10	11	11	12	13	12	10	10	11	
14	43	84	79	76	69	59	53	47	43	37	37	37	
15	21	19	17	17	15	11	15	15	20	16	16	18	
16	31	30	29	26	35	48	51	42	42	36	35	35	
17			60										
18						43	45		30	26	37		
19		2	11	11	12	10	9	11	13	10	12		
20		8	6	9	10	10	12	9	8	9			
21		16	15	16	22	15	14	17	13	16	16		
average	26	27	28	24	24	26	24	20	18	20	13	15	
stdev	16	30	25	23	19	15	16	15	13	09	12	04	03
max	43	84	79	76	69	59	53	51	43	36	37	16	17
min	13	05	08	06	09	10	09	11	06	08	09	10	12

BLANK- NOT OBTAINED

LDH

UNITS-IU/L

TABLE 101

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	158	158	152	138	130	153	161	163	161	160	140	113	-152
02	165	180	208	155	140	175	198	196	195				
03	185	176	222	219	170	233		194	165	161	161	220	191
04	183	176	200	177	157	146		268	194	218			
05	153		189	126	126	120	130	155					
06	134	163	155	152	128	126	133	195	147	170	151	177	161
07	243		252	186	260	181	237	262	232	226	220		
08	179	158	196	181	171								
09	138	135	192	185	191	156	196	261	211	160	149		
10	171	169	154	196	177	156	196	261	211	160	149		
11	191	178	168		152	132	170	204		147			
12	208	259		213	218	208	164	184	185	181	157		
13	156	168	186	131	170	166	120	137	169	176	148		
14	160	189	258	131	126	129	155	202	257				
15	188	166	145	127	166	245	128		175	147	145		192
16	153	157	152	130	119	127	146	194	197	165	149		
17	231		164										
18	230	173	159	147	101	123	107	233	170	134	178		
19	161	247	161	144	118	148	154	162	170		164		
20	252	273	281	262	184	207	171	326	222	195	188	218	
21	163		154	168	134	209	136	209	201	175	196	171	
average	179	186	187	166	157	162	159	211	201	180	164	186	174
stdev	33	39	40	38	38	41	34	48	56	40	23	52	21
max	252	273	281	262	260	245	237	326	392	292	220	248	192
min	134	135	145	117	101	106	107	137	147	134	140	113	152

BLANK- NOT OBTAINED

MAGNESIUM

UNITS-mg/dL

TABLE 10m

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	2.00	2.00	2.10	2.20		1.90	2.10	2.00	2.00	2.20	2.10	2.10	2.10
02	2.30	1.90		1.60		1.80	2.00	1.80	2.10				
03	2.00	1.90	2.00	1.70	1.90		2.20	1.90	2.10				
04	2.30		2.10	1.90	1.90	1.90			2.00	2.20			
05	1.90		1.90		1.90	1.90	1.90						
06	1.90	1.90	2.00	2.00	2.10	1.90	2.00	2.00	1.90	2.10	2.00	2.00	2.40
07	2.20	2.10	2.30		2.10	2.20	2.30	2.30	2.20				
08	2.10	2.00	2.20		2.20								
09	2.10	2.00	2.10		2.10	2.10	2.20		2.20	2.30	1.90	2.10	2.00
10	1.90	1.80	1.80	1.80	1.80	1.80	2.20	1.70	1.80	2.00	2.00		1.80
11	2.40	2.00	2.00	2.30	2.20	2.20	2.10		2.00				
12	2.20	2.20		2.00	2.10	2.10	2.10	2.00	2.10	2.00	2.00	1.90	
13	2.10	2.20	2.10	2.10	2.10	2.10	2.10	2.10	2.20	2.10	2.20	2.00	
14	2.40	2.20	2.20	2.30	2.20	2.20	2.20	2.20	2.30	2.30			
15	2.00	2.10	2.10	1.90	2.10	1.80	2.10	2.10	2.10	1.80	1.90		
16	2.20	2.10	2.00	1.90	2.00	2.00	2.00	2.20	2.20	1.90	2.00		
17		2.30	2.20										
18	1.90	2.00	2.00	1.90	1.90	2.10	2.10	2.10	2.10	1.90	2.10		
19	2.30	2.20	2.20	2.10	2.20	2.20	2.30	2.30	2.30	2.10	2.20		
20	1.80	2.10	2.20	2.10	1.90	1.90	1.70	2.10		1.80	1.80	2.10	
21	2.00		2.00	2.00	2.00	2.00	1.90	2.10	2.00	2.00	2.00	2.20	
average	2.11	2.05	2.08	2.02	2.03	2.03	2.09	2.09	2.04	2.00	2.05	2.17	
stdev	0.18	0.15	0.12	0.20	0.13	0.14	0.17	0.17	0.12	0.16	0.11	0.14	0.21
max	2.40	2.30	2.30	2.30	2.20	2.20	2.30	2.30	2.30	2.30	2.20	2.40	
min	1.80	1.80	1.80	1.60	1.80	1.80	1.70	1.80	1.90	1.80	1.80	1.80	2.00

BLANK-NOT OBTAINED

PHOSPHORUS

UNITS-mg/dL

TABLE 10n

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	4.00	3.30	2.90	4.20	3.70	3.60	3.40	4.00	4.30	3.80	4.00	-3.30	
02	4.70	3.90	4.00	3.90	4.10	5.00	4.60	4.70	4.00				
03	2.60	3.30	2.90	3.00	3.10	3.20	3.50	3.60	3.40	3.40	2.70	2.80	2.90
04	5.10	4.70	3.20	3.50	3.40	4.10		3.00	3.80				
05	3.10		2.80	2.60	3.80	3.40	4.10	2.90					
06	3.90	3.90	3.20	3.50	3.60	3.70	3.90	3.50	3.60	3.30	3.10	3.60	3.30
07	3.00		3.10	3.10	3.30	3.70	4.40	3.50	3.10				
08	3.50	3.40	4.30	5.00	4.40								
09	4.10	3.50	4.30	3.60	4.30	3.40	3.70	3.10	3.40	3.20	3.80		
10	3.30	3.30	3.50	3.30	3.30	3.00	3.10	3.20	3.30	3.20	3.20	3.60	
11	2.90	3.00	3.10	2.90	2.70	2.80	3.50	2.60			2.70		
12	3.00	3.20		3.00	3.70	3.40	3.60	3.90	3.70	3.30	3.50		
13	3.70	3.40	3.90	3.70	3.40	3.90	4.40	3.70	3.70	3.30	4.00	4.30	
14	4.50	4.00	3.50	3.60	3.50	4.10		3.40	3.60				
15	3.60	3.40	4.50	4.70	4.70	4.70	3.70	3.70	3.40	3.80	3.10	4.40	
16	0.30	3.30	3.10	3.20	3.00	3.00	3.20	3.20	2.90	3.20	3.20	3.50	
17		3.40	4.10										
18	3.60	3.70	3.00	3.40	2.80	3.80	4.10	3.00	4.10	3.20	3.80		
19	3.80	3.40	3.50	3.80	3.20	4.00	4.20	3.60	3.70		3.10		
20	3.60	3.20	3.40	3.30	3.50	4.10	4.00	3.00	3.20	3.20	3.60	3.40	
21	3.90		3.60	4.10	4.20	4.40	4.30	3.40	4.40	3.90	3.70	4.10	
average	3.51	3.52	3.50	3.53	3.67	3.83	3.88	3.36	3.62	3.44	3.51	3.58	3.48
stdev	0.98	0.40	0.52	0.53	0.66	0.69	0.44	0.46	0.36	0.44	0.42	0.52	0.64
max	5.10	4.70	4.50	4.70	5.10	5.80	4.60	4.70	4.40	4.30	4.10	4.40	
min	0.30	3.00	2.80	2.80	2.70	2.80	3.10	2.60	3.10	2.70	2.80	2.90	

TABLE 100

SUBJECT NO.	SCR	PROTOTYPES (Converged)										DAY 54	DAY 72	DAY 180
		DAY 0	DAY 1	DAY 4	DAY 7	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54				
01	8.50	8.80	7.90	7.60	7.40	7.90	8.50	7.30	7.10	8.00	-7.70	7.90	8.10	
02	7.30	7.40	7.00	6.80	6.90	7.60	7.20	7.30	6.90					
03	7.20	6.60	7.60	6.10	6.00	6.40	7.40	6.10	6.50	6.60	6.70	7.10		
04	7.30	6.60	7.20	6.90	6.90	6.60	7.60	7.20	7.60					
05	6.70		6.40	6.10	6.10	6.20	6.50	7.60						
06	7.70	7.40	7.20	6.90	7.00	6.60	7.60	7.70	8.00	7.40	7.30	7.80		
07	7.80		6.90	6.70	7.70	7.30	7.50	7.60	7.60	7.00	7.10			
08	8.20	7.50	7.40	7.10	7.50									
09	7.10	6.50	6.40	6.50	6.80	6.60	7.00	6.70	5.90	6.70	6.80			
10	7.50	7.20	7.30	7.00	7.00	7.40	6.60	7.40	7.20	6.80	7.60			
11	7.90	7.80	7.50		8.20	6.70	7.40	7.20		6.90				
12	8.50	7.50		7.40	7.20	7.60	7.50	7.50	7.70	7.20	7.20			
13	7.50	7.50	6.70	6.30	6.70	6.60	7.10	6.90	7.00	7.90	7.00			
14	7.20			7.20	7.50	7.10	7.10	7.10	6.90					
15	8.20	7.20	6.50	6.90	6.70	6.50	6.80	7.40	5.80	6.30				
16	7.10	7.00	6.60	6.90	6.50	6.50	6.70	7.00	6.90	6.20	7.00			
17		8.10	7.10											
18	7.20	7.00	6.80	7.00	6.70	6.60	6.70	7.20	7.00	6.60	7.90			
19	6.80	6.70	6.20	6.80	6.30	6.50	6.30	6.60	6.80		6.40			
20	7.10	7.00	6.90	7.50	6.80	6.70	6.70	8.00	7.00	6.30	6.50	7.50		
21	7.20		6.80	7.00	7.00	6.90	6.90	7.40	7.10	6.70	6.90	7.10		
average	7.50	7.28	6.97	6.88	6.95	6.86	7.06	7.31	7.05	6.91	7.03	7.30	7.67	
stdev	0.53	0.45	0.42	0.54	0.48	0.53	0.51	0.36	0.51	0.62	0.49	0.45	0.51	
max	8.50	8.80	7.90	7.60	8.20	7.90	8.50	8.00	8.00	8.00	7.90	8.10		
min	6.70	6.50	6.20	6.10	6.00	6.20	6.30	6.60	5.90	5.80	6.30	6.70	7.10	

BLANK .OT OBTAINED

SGOT(AST)

UNITS-IU/L

TABLE 10 p

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	18	19	19	15	17	19	15	13	14	14	14	17	22
02	21	29	26	21	18	22	20	17	18	16	16	25	21
03	15	18	24	19	14	22	22	16	16	16	16	25	21
04	18	17	17	15	18	17	17	18	19	19	19	25	21
05	11		14	13	13	9	10	14					
06	16	16	15	14	19	16	22	23	19	16	18	15	19
07	20		25	14	61	24	26	28	30	23	21		
08	14	13	11	12	13								
09	20	16	16	17	15	16	13	62	56	12	16		
10	16	17	14	17	15	18	14	18	16	16	15	18	
11	17	18	15		14	10	16	16	16	11			
12	25	27		18	20	21	20	18	17	19	15		
13	16	16	17	14	14	11	13	18	17	20	16		
14	18	17	14	13	13	13	12	12	14				
15	18	15	14	13	13	16	11	16	13	11	11	25	
16	26	22	20	23	26	28	27	30	22	23	29		
17		26	23										
18	28	28	22	13	16	24	19	19	13	18	17		
19	15	13	12	8	8	10	9	11		15			
20	14	18	16	19	16	14	17	26	16	12	17	17	
21	17		18	16	15	19	14	20	18	13	21	22	
average	18	19	18	16	18	17	21	19	18	17	19	22	
stdev	04	05	04	03	11	05	05	11	09	07	04	04	03
max	28	29	26	23	61	28	27	62	50	37	29	25	25
min	11	13	11	09	08	09	10	09	11	11	11	15	19

BLAN_i JOT OBTAINED

SGPT(ALT)

UNITS-IU/L

TABLE 10q

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	15	17	16	11	17	19	20	15	9	10	9	11	18
02	24	32	29	27	27	32	26	21	14				
03	11	13	16	13	11	21		13	15	24	15	16	17
04	16	20	21	20	30	34		22	13	14			
05	6		10	9	9	8	6	8					
06	16	15	14	11	18	20	25	29	18	10	15	8	21
07	13		16	12	65	45	55	40	29	20	14		
08	9	8	6	6									
09	27	17	15	14	11	11	9	45	28	18	19		
10	9	11	19	7	11	17	15	17	12	14	15		
11	15	11	11		6	9	11	9	15	8			
12	16	13		13	14	20	19	17	9	13	13		
13	6	8	7	5	4	9	6	6	6	10	10		
14	32	20	17	13	15	13	14	16	12				
15	16	13	11	8	11	12	13		23	16	13		21
16	36	27	25	30	46	70	68	36	28	28	43		
17		30	27										
18	22	16	14	11	16	39	31	29	16	19	14		
19	13	13	11	10	11	16	11	14	12		12		
20	11	10		10	11	12	15	10	13	10	9	10	
21	16		13	14	12	16	17	17	11	13	18	13	
													\
average	16	16	15	13	18	22	21	20	16	15	16	12	19
stdev	08	07	06	06	15	16	17	11	07	06	08	03	02
max	36	32	29	30	65	70	68	45	29	28	43	16	21
min	06	08	06	05	04	08	06	06	06	08	09	08	17

BLANK- NOT OBTAINED

URIC ACID

UNITS-mg/dl

TABLE 10r

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	5.60	6.60	6.90	5.80	6.10	7.10	9.40	6.00	6.90	6.30	6.10	5.80	6.90
02	6.30	5.70	5.70	5.50	6.00	5.80	6.30	5.00	4.20				
03	3.20	3.80	5.50	4.40	3.70	3.90		4.80	3.80	4.50	3.70	4.30	4.70
04	5.20	5.10	5.10	5.50	5.20	5.00		5.80	5.80	5.20			
05	5.80		6.40	5.60	5.70	5.60	5.70	5.40					
06	4.80	4.50	4.70	4.00	4.80	4.40	4.60	4.50	4.30	5.20	5.30	4.40	5.00
07	6.30		4.90	4.80	4.80	5.70	5.60	7.30	5.10	6.00	5.80		
08	5.50	5.40	5.40	5.70	5.40								
09	6.10	4.50	4.30	4.80	5.00	5.60	5.40	4.30	5.70	4.80	4.60		
10	3.90	3.80	3.70	4.70	3.90	5.10	4.50	4.30	4.50	4.60	4.10		
11	4.10	6.50	4.50	3.90	3.40	3.80	4.00	4.60			3.90		
12	4.40	6.00		5.20	5.00	5.20	5.20	5.60	5.40	4.80	5.20		
13	4.60	4.80	4.80	4.80	4.10	4.70	5.00	4.90	4.20	4.70	4.80		
14	5.30	6.10	6.00	6.90	6.60	7.10	6.60	6.70	5.70				
15	6.60	6.00	6.40	7.00	6.60	6.60	5.90	5.50	6.10	6.30	5.80	6.40	
16	4.80	5.10	4.90	5.50	5.30	5.20	5.60	5.10	4.90	5.10	4.90		
17	8.10	7.30											
18	5.40	6.10	5.60	5.10	5.50	5.80	6.10	6.70	5.80	4.70	4.80		
19	6.60	6.50	6.40	6.90	6.40	6.80	6.50	5.90	6.70		6.60		
20	5.60	5.70	5.60	5.70	5.40	6.10	6.60	6.20	5.70	5.40	5.70	5.60	
21	5.70		5.10	5.90	5.30	5.80	5.90	5.20	5.80	5.50	5.40	5.30	
average	5.29	5.57	5.46	5.39	5.21	5.54	5.70	5.46	5.33	5.13	5.20	5.08	5.75
stdev	0.93	1.08	0.91	0.88	0.92	0.96	0.87	0.85	0.90	0.68	0.79	0.69	1.07
max	6.60	8.10	7.30	7.00	6.60	7.10	7.40	7.30	6.90	6.30	6.60	5.80	6.90
min	3.20	3.80	3.70	3.90	3.40	3.80	4.00	4.30	3.80	3.90	3.70	4.30	4.70

URINALYSIS-CASTS

UNITS-/LFP

TABLE 11a

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													

None was found.

BLANK-NOT OBTAINED

URINALYSIS-OCCULT BLOOD

UNITS- NONE

TABLE 11b

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01 -	-	-	-	-	-	-	-	-	-	-	-	-	-
02 -	-	-	-	-	-	-	-	-	-	-	-	-	-
03 4+	-	1+	-	-	-	4+	1+	1+	-	-	4+	4+	-
04 -	-	-	-	-	-	-	-	-	-	-	-	-	-
05 -	-	-	-	-	-	-	-	-	-	-	-	-	-
06 -	-	-	-	-	-	-	-	-	-	-	-	-	-
07 -	-	-	-	-	-	-	-	-	-	-	-	-	-
08 -	-	-	-	-	-	-	-	-	-	-	-	-	-
09 -	-	-	-	-	-	-	-	-	-	-	-	-	-
10 -	-	1+	-	-	-	-	-	4+	-	-	-	-	-
11 -	-	-	-	-	-	-	-	-	-	-	-	-	-
12 -	-	-	-	-	-	-	-	-	-	-	-	-	-
13 -	-	-	-	-	-	-	-	-	-	-	-	-	-
14 -	-	-	-	-	-	1+	-	-	-	-	-	-	-
15 -	-	-	-	-	-	-	-	-	-	-	-	-	-
16 -	-	-	-	-	-	-	-	-	-	-	-	-	-
17 -	-	-	-	-	-	-	-	-	-	-	-	-	-
18 -	-	-	-	-	-	-	-	-	-	-	-	-	-
19 -	-	-	-	-	-	-	-	-	-	-	-	-	-
20 -	-	-	-	-	-	-	-	-	-	-	-	-	-
21 -	-	-	-	-	-	-	-	-	-	-	-	-	-

BLANK-NOT OBTAINED

URINALYSIS-RBC

UNITS- NONE

TABLE 11c

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	0	0	0	0	0	0	0	0	18	1	1	0	3
02	0	0	0	0	0	0	0	0	16	1	1	0	1
03	58	0	2	0	0	0	13	9	1	3	6	1	1
04	0	0	0	2	1	0	0	5	0				
05	0	16	0	0	0	0	1	0	2				
06	1	15	0	0	0	0	0	0	1	0	0	0	1
07	1	0	0	0	0	0	0	1	0	0	0	0	
08	0	0	0	0	0	0	0	0	0	0	0	0	
09	0	0	0	0	0	0	0	0	1	0			
10	0	0	0	0	0	0	0	0	0	1	0	0	
11	2	7	0	0	0	0	0	1	0	0	0	0	
12	0	0	0	0	0	0	0	1	1	0	0	0	
13	0	0	0	0	0	0	0	0	0	1	0		
14	2	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	2	2	0	0	0	0	0	
16	0	0	0	0	0	0	0	1	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	3	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	2	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	3	
average	03	02	00	00	00	01	01	02	00	01	01	01	
stdev	11	05	00	00	00	03	02	06	01	02	01	01	
max	50	16	02	02	01	13	09	18	03	06	03	03	
min	00	00	00	00	00	00	00	00	00	00	00	00	

BLANK-NOT OBTAINED

URINALYSIS-WBC

UNITS- NONE

TABLE 11d

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	0	0	0	0	0	0	0	0	2	0	0	0	2
02	1	0	0	0	0	0	0	2	0				
03	0	0	40	0	1	0	0	11	15	3	2	0	0
04	1	0	0	0	1	0	0	0	3	0	0		
05	0	0	0	0	0	0	1	0	1				
06	1	2	1	0	0	0	0	1	0	0	0	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	3	0								
09	0	0	0	1	0	0	0	0	0	0	0		
10	0	0	4	5	0	0	0	0	0	2	0	0	
11	4	19	0	1	2	0	0	1	0	0	0	0	
12	0	3	0	0	0	0	0	1	1	0			
13	0	0	0	0	0	0	0	0	0	1	0		
14	0	0	0	0	0	0	0	0	0	0	0		
15	0	0	0	0	0	0	2	0	0	0	0		
16	0	0	0	0	0	0	2	0	0	0	0		
17	0	1	0	0	0	0	0	0	0	0	0		
18	0	0	0	0	0	0	0	0	0	0	0		
19	0	0	0	0	1	0	2	0	0	0	0		
20	0	8	0	0	0	0	0	0	1	0	2		
21	0	0	0	0	0	0	0	0	1	0	0	2	
average	0.381	1.571	2.143	0.476	0.19	0.05	0.25	1.05	1.278	0.235	0.308	0.4	0.667
std dev	0.921	4.4	8.719	1.25	0.512	0.224	0.639	2.502	3.495	0.752	0.751	0.894	1.155
max	4	19	40	5	2	1	2	11	15	3	2	2	2
min	0	0	0	0	0	0	0	0	0	0	0	0	0

BLANK-NOT OBTAINED

URINALYSIS-SPECIFIC GRAVITY

UNITS-NONE

TABLE 11e

SUBJECT NO.	SCR	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 54	DAY 72	DAY 180
01	1.026	1.023	1.031	1.03	1.026	1.027		1.029	1.022	1.032	1.031	1.018	
02	1.026	1.015	1.018	1.022	1.025	1.021	1.019	1.025	1.015				
03	1.009	1.019	1.016	1.016	1.007	1.019	1.005	1.005	1.019	1.022	1.019	1.019	1.021
04	1.027	1.016	1.018	1.026	1.026	1.014	1.027	1.03	1.028				
05	1.015	1.008	1.016	1.025	1.019	1.026	1.023	1.009	1.013				
06	1.028	1.012	1.026	1.026	1.022	1.023	1.025	1.027	1.027	1.021	1.025	1.026	1.02
07	1.034	1.022	1.023	1.008	1.009	1.011		1.027	1.029	1.028	1.028	1.03	
08	1.033	1.021	1.015	1.029	1.029								
09	1.029	1.007	1.026	1.026	1.029	1.02	1.019	1.02	1.016	1.028	1.022		
10	1.026	1.015	1.008	1.018	1.01	1.02	1.015	1.018	1.03	1.007	1.007		
11	1.03	1.026	1.019	1.026	1.019	1.025	1.019	1.027		1.027			
12	1.005	1.03	1.031	1.016	1.031	1.021	1.012	1.03	1.03	1.013	1.022		
13	1.025	1.025	1.016	1.019	1.022	1.016	1.018	1.28	1.026	1.026	1.026		
14	1.029	1.014	1.02	1.004	1.004	1.019	1.022	1.025					
15	1.016	1.005	1.016	1.016	1.022	1.018	1.019	1.007	1.017	1.016	1.02	1.033	
16	1.009	1.015	1.026	1.029	1.025	1.025	1.027	1.029	1.028	1.027			
17	1.03	1.034											
18	1.018	1.017	1.021	1.016	1.01	1.021	1.02	1.01	1.025	1.022	1.021		
19	1.026	1.031	1.028	1.019	1.015	1.013	1.016	1.019	1.021	1.014	1.018		
20	1.027	1.028	1.025	1.022	1.02	1.017	1.016		1.032	1.017	1.028	1.013	
21	1.021	1.025	1.016	1.025		1.019	1.021	1.009	1.026	1.026	1.028	1.029	
average	1.023	1.023	1.031	1.03	1.026	1.027	1.019	1.029	1.022	1.032	1.031	1.018	
stdev	0.008	0.006	0.008	0.007	0.006	0.005	0.062	0.006	0.006	0.007	0.007	0.007	
max	1.027	1.034	1.031	1.03	1.031	1.027	1.027	1.28	1.032	1.032	1.031	1.033	
min	1.005	1.005	1.008	1.004	1.004	1.005	1.005	1.007	1.013	1.007	1.013	1.018	

BLANK- NOT OBTAINED

ECG-RATE

UNITS- BPM

ACTUAL TIME DAY	0	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	5
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE
01	87	58	67	72	59	61	67	69	68	74	70	67	62	65	60	71	86	64	74
02	71	55	51	55	55	59	57	65	63	58	58	64	57	68	64	79	69	71	64
03	60	60	58	55	59	58	63	58	60	56	53	60	58	54	55	62	60	68	62
04	79	69	71	69	66	64	67	71	69	67	73	70	64	70	75	77	71	93	79
05	60	56	51	52	58	51	52	61	58	60	60	56	50	57	54	61	68	59	52
06	72	64	59	57	55	69	66	54	55	64	54	53	54	54	59	70	66	68	65
07	58	46	41	41	51	52	47	44	46	45	46	41	49	49	50	50	66	51	52
08	61	55	51	57	57	57	59	59	54	51	61	54	53	50	55	62	61	58	58
09	51	49	50	51	52	55	63	57	58	57	50	48	58	53	63	59	56	58	51
10	68	59	59	62	64	72	70	67	64	75	62	65	64	66	71	77	69	67	76
11	92	84	86	83	88	89	98	86	96	93	85	76	64	67	66	71	67	74	73
12	59	60	60	58	58	70	77	63	65	67	60	57	52	54	51	63	63	56	64
13	51	46	44	46	45	56	54	52	57	53	51	48	44	46	52	52	60	51	54
14	49	45	45	46	44	48	47	44	43	47	44	45	44	45	47	49	47	48	41
15	68	65	67	60	74	62	83	73	66	64	73	67	57	72	66	63	57	55	59
16	74	78	72	70	66	76	72	69	60	66	71	70	65	78	71	77	79	65	73
17	55	59	53	57	59	67	68	67	66	66	66	64	57	63	64	75	66	67	64
18	68	58	56	55	58	63	64	64	67	76	66	58	61	63	62	72	70	66	64
19	69	58	61	62	61	60	69	68	60	72	64	68	63	73	74	82	79	76	68
20	50	46	52	52	52	64	62	55	54	55	49	58	50	53	59	58	55	59	51
21	67	62	58	59	59	63	70	69	65	66	64	57	63	63	64	75	75	66	67
average	66	59	57	58	59	63	65	63	62	64	61	59	57	60	60	66	67	63	59
stdev	11	10	11	10	10	12	10	11	11	10	10	07	09	09	08	10	10	10	09
max	92	84	86	83	88	89	98	86	96	93	85	76	67	78	75	82	86	93	79
min	49	45	41	44	48	47	44	43	45	44	41	44	45	47	49	47	48	41	45

TABLE 12 a

BLANK- NOT OBTAINED

ECG-RATE

UNITS- BPM

TABLE 12 a

	6	7	7	7	7	7	8	9	10	11	12	13	14	14	14	14	15	16	17	18
PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	2HR	~4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	
67	56	64	62	65	57	69	67	59	58	53	61	66	59	59	64	66	64	57	63	57
62	61	55	62	68	106	80	61	53	54	57	61	52	54	67	60	76	67	71	63	54
54	57	62	65	62	60	61	61	54	54	56	68	64	68	62	56	70	63	65	61	59
69	74	66	71	78	72	71	69	75	68	73	75	68	73	74	76	83	83	84	79	77
55	54	49	54	67	52	55	50	50	49	56	58	53	54	65	58	52	51	51	53	54
53	65	54	75	70	58	64	59	58	54	64	61	57	56	54	71	68	65	66	61	68
67	59	54	72	64	57	69	58	65	65	62	57	59	68	61	68	72	84	65	70	63
51	52	54	62	58	57	60	56	56	57	56	57	56	57	56	57	56	57	56	57	58
49	53	51	67	61	56	60	50	57	54	48	53	56	45	59	60	55	54	57	53	50
75	68	73	77	74	94	71	72	60	90	75	67	59	75	64	75	73	80	65	62	69
64	64	61	74	67	65	65	62	61	60	64	60	54	66	63	74	70	71	79	61	64
64	55	56	65	66	65	64	66	72	61	62	61	63	59	59	56	57	63	76	67	63
53	50	59	52	57	61	53	50	47	46	45	46	42	49	60	44	91	58	50	50	49
48	47	45	51	50	46	46	48	45	45	42	47	45	44	44	51	51	48	49	46	46
66	69	63	67	58	62	61	58	59	57	62	55	58	55	56	71	65	58	56	54	52
64	65	68	78	76	73	69	74	67	66	78	65	81	64	65	78	80	65	72	70	71
61	70	65	77	78	72	68	63	67	62	65	61	70	65	68	89	95	82	85	68	67
66	63	73	69	68	62	56	64	57	62	58	62	55	54	56	62	63	56	57	57	57
53	51	55	64	59	58	55	56	52	56	55	55	56	58	59	58	62	63	54	55	54
60	57	55	65	64	68	71	58	59	56	58	56	58	52	57	64	69	61	68	55	59
VE	60	58	67	65	64	60	59	59	59	59	59	59	59	59	66	67	68	66	61	59
Δ	08	08	07	08	14	07	08	10	10	07	09	09	07	10	12	10	12	10	08	08
14	75	74	73	78	106	80	74	75	90	78	75	81	75	74	89	95	91	85	79	76
15	48	47	45	51	50	46	46	45	45	42	45	42	44	51	44	48	49	46	44	46

TABLE 12a

BLANK- NOT OBTAINED

ECG-RATE

UNITS- BPM

TABLE 12a

	AM							
42	43	44	45	48	51	54	57	72
12HR	AM	180						
71	56	58	60	59	54	68	64	74
								84
58	73	70	74	69	64	65	61	62
								60
53	59	57	55	64	61	64	63	66
55	36		74	68	65	83	78	67
								67
52	50	55		54	60	56	69	51
72	71	79	70	81	81			
70	68	68	79					
60	58	61	55	67	74	60	78	64
49	50	62	64	49	59	62	62	59
								62
75	75	69	63	61	78	68	63	111
75	78	96					74	83
60	57	73	75		80	86	81	90
62	62	69	65	74	80	74	63	58
55	58	54	53	58	65	58	51	55
57	55	71	70	74	93	71	72	
62	60	67	66	64	70	69	67	69
09	11	11	09	08	11	10	09	17
75	78	96	79	74	93	86	81	111
49	36	54	53	49	54	56	51	60

BLANK - NOT OBTAINED

ECG- PR

UNITS-MS

TABLE 12b

DAY	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	5	6
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	'	PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	
01	146	138	148	136	156	154	154	136	148	142	150	160	170	162	158	146	156	158	160	154	
02	162	162	164	170	168	172	174	166	156	168	158	160	152	152	150	152	142	158	162	140	
03	174	162	166	174	154	164	172	172	170	184	184	170	180	196	198	186	176	198	176	148	
04	162	156	160	164	162	148	156	160	150	152	156	158	158	162	162	168	168	154	154	156	
05	150	160	156	150	154	156	148	144	154	160	156	170	166	162	144	150	154	152	158	164	
06	136	142	154	144	146	154	130	124	148	140	136	142	150	136	144	142	140	142	140	136	
07	160	148	154	150	134	130	146	158	152	164	158	164	156	154	160	150	156	150	158	156	
08	146	150	136	134	128	150	144	136	128	134	120	158	158	162	144	130	138	146	140	166	
09	168	170	168	160	148	160	148	148	154	150	150	154	162	168	166	160	142	148	158	174	
10	140	144	140	142	142	132	126	132	124	130	138	140	144	148	114	140	130	143	140	140	
11	136	130	128	132	130	128	130	126	128	128	130	128	130	136	136	146	140	138	144	150	
12	164	164	172	162	156	156	166	164	164	170	166	138	176	168	166	166	170	176	168	178	
13	150	152	154	150	138	146	142	144	142	144	160	164	164	154	154	148	140	148	144	156	
14	170	172	178	180	170	168	174	180	168	174	166	176	182	180	174	164	176	182	176	180	
15	150	146	152	148	126	138	146	148	116	150	146	152	150	148	146	148	150	152	146	150	
16	174	182	172	180	178	180	178	178	164	180	174	178	182	178	184	176	180	174	188	184	
17	174	178	176	194	176	172	160	160	160	160	140	140	140	140	140	148	148	140	148	160	
18	140	142	142	144	140	138	130	140	136	140	154	152	154	146	146	142	144	142	152	160	
19	126	136	134	134	130	132	134	128	128	132	128	130	136	132	128	124	130	128	136	134	
20		142	146	142	154	146	136	138	138	142	138	140	148	144	150	148	140	152	132	142	
21	154	180	152	156	170	170	160	156	160	172	162	158	148	164	160	158	152	162	150	176	
average	154	155	155	154	151	150	149	148	150	151	155	157	158	158	149	151	153	155	156	157	
stddev	14	15	14	17	15	17	16	16	15	18	18	12	14	19	16	14	15	13	18	15	
max	174	182	176	194	180	178	178	180	184	184	178	182	196	198	176	186	176	198	182	184	
min	126	130	128	132	128	126	124	116	116	120	130	114	132	128	130	124	130	128	118	134	

BLANK- NOT OBTAINED

ECG- PR

UNITS- MS

TABLE 12 b

PRE	2HR			4HR			6HR			8HR			10HR			12HR			14HR			16HR			
	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE												
7	7	7	7	7	7	8	9	10	11	12	13	14	14	14	14	14	14	14	14	14	14	14	14	14	19
164	160	142	154	158	152	138	150	166	152	164	166	162	146	150	136	150	140	142	148	148	148	148	148	156	146
140	162	166	152	140	156	154	160	150	162	168	162	146	168	152	158	152	156	168	166	176	180	180	180	180	168
186	182	182	166	186	164	176	184	180	166	160	172	156	142	158	178	180	176	162	156	176	190	190	190	190	190
150	150	152	150	144	150	148	140	144	164	155	152	150	148	142	144	146	154	150	142	156	150	142	156	150	144
154	158	156	142	148	156	152	160	160	164	154	158	168	154	144	146	154	170	166	156	150	140	150	150	150	150
144	134	136	116	142	156	144	144	136	138	134	134	128	142	136	142	148	152	136	150	144	144	144	144	144	136
156	164	148	146	148	132	160	132	154	132	134	146	140	154	158	1850	136	140	156	126	152	152	152	152	152	136
156	152	130	146	152	144	150	138	150	174	174	174	168	166	158	148	162	172	174	174	172	172	172	172	172	172
168	150	152	156	154	154	154	162	162	146	146	140	134	136	148	136	140	142	146	148	146	150	150	150	150	150
140	142	134	138	142	136	128	128	146	142	146	142	146	138	152	140	148	132	130	148	146	144	144	144	144	148
142	140	134	132	134	136	142	142	146	142	146	142	146	138	146	140	148	132	130	148	146	144	144	144	144	148
184	178	174	164	168	170	170	178	178	176	174	176	174	176	178	184	170	170	178	178	170	178	178	178	178	186
156	150	146	140	146	148	162	160	156	136	164	162	156	148	140	144	142	144	144	164	162	140	154	160	160	160
176	178	166	174	172	164	158	166	162	176	182	182	184	182	184	162	162	174	176	174	166	174	168	168	168	168
152	148	138	140	144	152	152	154	152	158	154	154	156	154	154	152	144	150	144	152	144	144	148	156	154	154
174	190	180	174	192	172	192	184	192	196	184	186	198	192	184	184	182	100	186	184	184	186	186	186	186	188
154	158	136	140	146	154	154	156	152	158	156	162	154	154	136	132	136	144	154	152	156	156	156	156	156	156
136	126	126	130	130	138	134	136	134	130	136	136	136	136	136	136	136	132	132	136	132	140	136	136	136	136
138	136	140	130	136	140	146	146	148	148	148	142	142	146	146	146	146	130	130	148	146	150	144	144	146	146
168	170	156	146	153	158	166	170	174	166	172	158	174	172	154	170	168	164	180	176	166	184	184	184	184	184
V6	157	158	149	148	149	151	156	154	158	155	157	158	157	157	150	150	250	153	158	157	155	159	159	159	159
D	15	16	13	17	15	14	15	14	15	22	16	15	17	17	14	14	413	17	14	15	16	15	15	15	18
186	190	182	174	192	184	192	196	184	186	198	192	184	182	1850	186	184	184	186	184	186	186	186	190	190	190
136	134	126	126	116	130	128	132	136	98	130	134	128	130	132	100	130	132	132	132	136	126	140	136	136	

TABLE 12b

BLANK- NOT OBTAINED

ECG- PR

UNITS- MS

TABLE 12b

	AM							
43	44	45	48	51	54	57	72	180
148	148	154	146	150	158	160	160	160
150	158	176	162	154	136	174		178
130	134	122	124	11	138	146	128	
170		168	182	182	154	130	170	182
166	162		158	142	154	152	172	158
146	148	13	136	140	152			
146	138	128						
170	166	174	176	168	180	166	166	172
160	152	152	126	148	142	154	140	
146	144	146	148	142	138	148	140	140
170	178					180	174	
140	126	132		138	132	146	132	
130	118	136	130	124	132	118	124	
148	142	138	146	138	146	138	134	
160	146	142	154	162	136	134		
152	147	137	149	138	146	147	150	166
0	14	16	41	19	41	14	16	20
170	178	176	182	182	180	174	180	182
130	118	13	124	11	132	118	124	140

BLANK- NOT OBTAINED

ECG- QRS

UNI-S-MS

ACTUAL TIME DAY	0	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	5	6
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE
01	80	86	78	82	80	80	82	80	78	78	82	86	80	82	80	80	82	82
02	86	84	82	92	86	72	86	82	86	80	84	68	74	70	74	72	68	84
03	86	84	86	84	86	84	86	84	86	84	86	88	92	90	90	90	84	78
04	88	84	90	90	90	92	90	88	90	92	84	90	94	96	98	92	92	96
05	88	80	86	90	82	84	86	78	86	84	86	86	84	80	74	82	80	78
06	106	106	102	104	104	108	110	106	108	106	104	108	104	106	106	106	108	110
07	108	106	110	108	100	104	98	104	110	108	102	108	102	102	100	104	98	96
08	74	86	86	88	94	74	78	72	70	86	80	82	90	86	74	90	86	86
09	100	100	100	96	98	94	98	94	90	94	98	98	94	94	94	90	98	100
10	74	72	70	70	72	70	72	72	68	70	72	72	70	74	74	72	76	74
11	86	80	78	80	78	86	84	84	84	76	78	84	82	80	80	82	84	84
12	88	92	100	94	100	88	90	90	84	86	92	98	94	104	98	100	90	92
13	92	94	98	94	90	92	88	88	90	88	100	100	92	88	96	98	92	88
14	108	100	102	98	100	90	100	110	102	100	100	84	100	94	100	102	100	100
15	102	104	104	104	100	100	104	94	102	96	102	110	98	104	102	100	96	102
16	84	82	80	82	86	84	90	88	86	88	82	94	86	84	86	80	86	94
17	84	88	94	94	96	96	96	96	86	88	90	94	90	88	86	90	92	92
18	86	90	88	86	90	90	86	90	86	88	80	82	76	78	74	78	86	70
19	92	82	88	86	84	84	84	84	76	78	88	80	76	68	78	74	70	104
20	100	108	92	94	94	98	98	90	90	88	100	86	94	106	94	104	102	104
21	96	102	104	104	102	104	100	102	100	100	108	100	100	98	96	98	100	100
average	90	90	92	92	91	89	89	90	91	92	90	90	92	89	89	88	90	91
stddev	10	10	11	9	9	11	9	10	12	10	10	11	10	12	10	10	10	10
max	108	106	110	108	104	108	108	110	110	108	104	108	106	106	106	108	110	110
min	74	72	70	70	72	70	72	68	70	72	68	74	70	74	72	68	70	70

BLANK- NOT OBTAINED

ECG- QRS

UNI-S-MS

TABLE 12c

PRE	2HR	4HR			6HR			8HR			10HR			12HR			14HR			16HR			17HR			18HR			
		PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE	PRE										
7	7	7	7	7	7	7	8	9	10	11	12	13	14	14	14	14	14	14	14	14	14	15	15	16	17	18	18	19	
78	82	80	80	96	84	84	80	84	84	84	88	84	86	86	98	96	96	86	84	86	82	86	84	82	84	84	76		
74	76	82	86	86	94	80	72	82	72	86	82	86	86	86	86	88	88	86	86	86	80	78	78	84	84	80	70		
86	84	88	86	84	86	84	82	80	76	84	84	86	84	86	84	84	86	86	86	86	80	80	86	90	90	90	90		
90	92	94	90	78	92	84	92	92	92	90	80	92	92	92	92	92	92	92	92	92	80	80	92	92	92	92	86		
78	86	84	74	88	82	78	78	78	78	78	70	82	76	76	76	76	76	76	76	76	76	74	78	78	92	92	86		
110	108	104	108	106	110	106	110	106	110	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106		
110	110	110	114	110	108	110	110	108	98	110	106	106	98	94	106	108	108	108	108	108	110	110	106	106	106	106	106	98	
86	86	90	84	80	84	70	84	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	
100	96	94	96	94	98	100	106	100	100	106	100	102	102	102	102	102	102	102	102	102	102	96	96	98	98	98	104	102	
74	74	72	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	
78	78	82	80	84	76	76	84	78	78	84	84	84	84	84	82	82	82	82	82	82	82	82	82	82	82	82	82	82	84
100	8	86	96	88	100	86	88	90	94	88	96	92	96	96	92	94	92	94	92	94	92	92	92	92	92	92	92	92	88
94	88	88	86	88	86	94	98	96	98	96	98	92	102	98	94	94	96	94	96	94	96	94	96	94	96	94	96	94	94
88	104	90	100	90	100	92	88	92	100	92	100	90	100	90	100	98	102	98	102	84	102	84	102	92	102	90	102	104	104
98	102	98	100	98	104	104	104	104	104	104	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	104	
90	88	86	66	80	88	88	88	88	90	84	90	90	90	90	86	88	84	88	84	88	84	88	84	88	84	88	84	88	88
90	90	98	86	90	94	94	102	92	90	92	94	92	92	92	92	92	92	92	92	92	90	90	94	94	94	90	92	92	92
80	84	82	86	80	82	84	92	86	84	84	74	72	72	72	72	72	72	72	72	72	76	76	80	74	74	84	84	84	
100	94	92	94	96	82	108	102	102	148	78	80	102	82	82	86	98	102	88	88	88	90	78	100	94	102	102	102	108	
104	102	98	102	100	104	108	102	98	102	98	100	102	100	102	100	98	98	96	96	100	104	104	106	102	108	108	108	108	108
90	87	89	92	89	90	91	92	94	88	90	90	91	91	91	91	91	91	91	91	91	91	91	92	92	90	90	90	90	90
11	22	09	10	11	11	11	12	11	11	16	11	10	11	11	09	10	161	10	12	10	11	12	09	11	11	11	11	11	11
110	110	114	110	110	108	110	110	148	106	106	108	108	774	112	110	106	106	106	106	106	106	106	106	106	106	106	106	106	108
74	08	74	72	66	74	70	74	72	74	70	76	76	76	76	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74

BLANK- NOT OBTAINED

ECG-GRS

TABLE 12C

BLANK- NOT OBTAINED

ECG- QRS

UNI-S-MS

TABLE 12c

	AM							
43	44	45	48	51	54	57	72	180
100	96	92	80	84	84	86	98	84
84	92	94	80	82	80	86		86
108	108	110	114	110	112	106	110	104
112		108	108	112	108	106	108	108
102	94		94	102	94	96	94	90
74	74		76	74	72			
76	76		84					
92	96	92	86	88	86	88	88	90
92	94	92	90	90	88	88	96	94
108	102	104	104	102	98	100	102	104
84	84					84	84	
92	98	92		94	92	94	86	
78	80	76	78	80	74	74	82	
84	86	96	102	90	96	108	82	
104	106	108	106	110	96	104		
93	91	96	93	94	91	95	94	94
12	11	10	13	12	12	11	10	09
112	108	110	114	112	108	110	108	
74	74	76	76	74	72	74	82	84

BLANK- NOT OBTAINED

ECG-QTC

UNITS-MS

ACTUAL TIME DAY	0	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	5	6
SUBJECT NO.	PRE	.5HR	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	PRE	PRE	2HR	4HR	GHR	8HR	12HR	PRE	PRE
01	397	399	397	403	384	371	407	396	393	402	391	381	392	389	398	409	382	399	375
02	413	404	409	405	387	419	410	382	442	411	414	399	408	413	408	417	413	406	412
03	380	402	379	375	410	412	401	403	406	392	384	388	393	392	407	406	400	404	390
04	406	383	389	373	376	398	395	395	389	397	388	401	411	423	398	398	417	404	399
05	372	390	376	394	407	372	373	387	383	404	404	388	383	403	397	381	410	402	391
06	385	382	368	356	347	369	363	345	353	386	358	341	348	352	348	379	371	385	349
07	412	398	378	403	420	409	408	364	368	396	406	388	391	410	388	423	414	413	410
08	383	372	371	380	380	366	371	401	383	379	383	384	383	377	372	388	404	382	385
09	379	395	374	375	359	386	401	391	381	391	368	393	416	384	403	391	385	409	397
10	400	398	392	400	402	409	399	395	396	406	400	377	404	404	413	412	405	412	409
11	418	412	421	414	409	455	474	414	414	415	416	423	444	435	425	437	416	448	444
12	394	384	376	399	387	399	396	367	389	378	364	379	390	360	363	391	393	382	396
13	394	383	395	390	394	390	392	393	393	389	389	391	373	377	395	394	402	380	394
14	408	403	406	399	421	416	389	385	426	419	426	420	403	408	412	410	403	407	398
15	389	401	388	349	395	374	395	397	392	388	388	399	405	381	416	396	383	401	388
16	399	380	396	393	390	400	394	374	400	400	392	382	399	395	396	399	401	401	404
17	409	360	409	341	349	346	359	346	346	346	346	346	346	346	346	346	346	346	346
18	417	403	394	400	409	403	402	403	402	402	402	402	402	402	402	402	402	402	402
19	418	395	377	366	389	404	418	402	402	405	404	402	422	410	409	410	418	404	404
20		422	392	415	404	402	398	398	398	402	398	398	368	383	397	422	404	403	416
21	401	406	403	412	408	409	423	405	406	408	409	408	409	418	422	404	420	402	411
average	399	394	390	388	392	396	389	395	397	396	390	396	397	400	403	404	403	403	402
stddev	14	14	14	21	21	24	19	19	12	16	19	20	20	21	14	15	17	16	20
max	418	422	421	415	421	455	474	414	442	423	444	435	425	437	441	448	439	439	444
min	372	360	368	341	347	346	359	345	353	378	358	341	348	352	348	379	371	380	349

TABLE 12c

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ECG-QTC

UNITS-MS

TABLE 12d

	7	7	7	7	7	7	8	9	10	11	12	13	14	14	14	14	14	15	16	17	18	19
PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE	PRE	PRE	PRE	PRE	
369	411	402	399	389	403	405	398	403	389	404	396	404	404	402	406	404	372	393	385	401	427	
409	401	408	419	507	420	425	419	406	428	433	418	413	464	416	450	422	434	422	411	428	434	
401	414	403	404	404	407	401	383	404	405	402	388	405	402	382	403	408	386	410	399	410	408	
406	398	402	396	400	402	398	400	398	401	400	400	401	402	398	404	399	402	396	402	396	399	
411	374	395	399	369	413	400	389	396	405	403	416	417	395	396	409	370	401	391	387	394	416	407
391	355	374	388	387	382	390	356	364	360	359	359	346	350	382	374	389	381	377	387	369	388	380
414	398	435	419	411	453	418	418	414	401	423	412	408	407	446	440	485	424	408	418	403	411	420
387	398	409	394	398	384	402	417	390	402	417	390	402	417	390	402	417	390	402	417	390	402	398
372	358	389	407	396	406	399	428	411	391	413	423	398	412	406	393	411	417	383	407	403	416	374
410	419	405	399	418	406	414	438	420	418	420	406	402	406	442	439	450	420	414	426	411	431	440
421	434	424	429	437	410	424	423	430	427	412	407	438	409	447	436	439	452	448	446	424	437	431
382	399	391	394	378	392	394	400	403	404	401	394	392	375	401	391	396	395	399	369	397	393	393
407	403	396	374	401	399	411	394	396	379	403	391	389	398	408	371	438	410	403	407	395	417	389
412	413	416	412	420	413	413	424	428	421	418	413	419	413	413	405	417	407	412	422	401	422	412
398	395	365	394	371	396	401	404	388	401	396	398	401	396	430	410	409	398	400	385	375	403	409
405	404	401	400	399	407	406	405	400	408	397	411	402	416	403	404	403	400	399	402	412	396	403
421	410	438	435	422	421	418	451	422	416	419	440	430	425	428	425	420	428	426	437	424	431	452
403		403	413	421	408	403	409	406	407	408	393	416					403	399	415	405	411	411
407	411	413	408	400	405	411	407	413	409	425	415	411	405	410	426	424	409	417	411	411	402	412
417	411	420	408	421	426	409	416	407	416	419	409	400	411	406	416	403	410	415	419	405	412	426
402	400	406	403	409	407	407	406	405	407	406	404	406	406	411	415	414	404	409	401	411	412	
15	20	15	28	18	10	19	16	17	17	17	19	21	21	21	26	18	19	17	17	13	21	
421	434	438	435	453	425	451	438	428	433	440	438	464	447	450	452	485	448	446	424	437	452	
369	355	374	365	369	371	390	356	364	360	359	359	346	350	375	371	370	381	372	385	369	388	

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ECG-QTC

UNITS-MS

TABLE 12d

	20	21	21	21	21	21	21	22	25	29	32	36	39	42	42	42	42	42	42
PRE	PRE	2HR	4HR	6HR	8HR	12HR	PRE	.5HR	1HR	2HR	3HR	4HR	6HR						
404	400	396	409	400	421	402	423	416	450	449	407	403	407	405	406	405	456	397	369
432	428	393	419	466	505	450	455	462	432	479	441	427							
389	409	387	390	409	406	418	404	405	408	412	389	385	401	387	385	403	377	353	376
402	402	409	406	411	408	427	420	414	404	402									
400	390	385	403	380	415	389	395												
368	360	394	393	389	391	388	382	396	390	394	370	385	371	376	364	361	345	394	354
412	440	432	423	420	431	424	481	440	456	405	453	424	427	428	423	420	416	419	421
421	368	427	440	433	416	438	410	409	432	419	415	470	387	391	417	413	413	419	424
420	415	403	433	451	429	446	416	405	432	414	377	414	373	392	379	445	436	411	419
458	451	454	441	450	483	438	440	474	441	438									
390	382	390	400	395	393	399	393	402	401	406	405	408	404	408	378	398	402	405	353
374	377	393	405	395	399	398	394	420	420	412	409	409	383	408	415	411	374	390	375
421	421	415	413	420	414	421	416	444	450	430	448	438							
397	392	401	435	416	409	403	394	423	418	402	407	404	406	393	410	392	414	389	408
411	404	391	421	414	410	411	400	420	426	434	424	427	438	420	407	403	433	408	416
432	426	414	437	446	428	431	450	426	453		475	462	456	434	464	454	420	415	426
-	408	396	404	407	405	410	408	411	442	420	401	440	409	398	405	416	406	403	410
-	409	410	411	417	417	432	416	424	415	448	426	427	421	438	425	428	442	435	420
-	413	411	406	407	397	407	429	409	409	413	415	417	416	415	407	411	420	407	405
VE	408	404	405	415	417	422	416	425	424	426	411	416	420	414	405	406	421	412	407
-	21	24	17	15	24	29	18	19	26	17	23	21	20	29	28	23	22	37	30
-	458	451	454	441	466	505	450	481	453	448	479	453	470	456	491	476	478	471	430
-	368	360	386	390	388	391	382	395	390	394	370	385	371	373	364	361	345	353	362

BLANKS NOT OBTAINED

ECG-QTC

UNITS-MS

TABLE 12d

	43	44	45	48	51	54	57	72	180
AM									
407	412	396	385	383	396	398	410	397	
401	401	404	403	404	385	397	401	406	
382	352	337	384	389	388	385	375	402	
364	442	432	428	444	428	424		424	
418	413		404	454	384	433	367	388	
430	415		406	411	404				
434	427	463							
391	411	394	403	406	398	415	360	411	
396	422	421	408	404	404	406	412	394	
415	401	395	389	399	347	383	432	397	
419	422						399	416	
423	445	440		424	419	415	416		
406	398	393	406	415	367	401	403		
414	411	411	412	414	407	382	409		
401	411	422	434	410	468	411	446		
Vε	407	412	409	405	412	400	404	403	404
D	19	21	31	15	20	29	16	25	11
434	445	463	434	454	468	433	446	424	
364	352	337	384	383	347	382	360	388	